

County Drains Ltd 49 Burlow Road, Buxton Tel. 01298 23921 enquiries@countydrains.com

WrC

Project

Project Name:	Chapel Memorial Park Chapel-en-le-Frith 141020
Project Description:	WinCan Import in Miraculix Standard
Project Status:	Complete
Project Date:	15/10/2020
Inspection Standard:	MSCC5 Sewers & Drainage GB (SRM5 Scoring)



High Pressure Water Jetting . Biochages Cleared . Drain Repairs . Preventative Maintenance

County Drains Ltd 49 Burlow Road, Buxton Tel. 01298 23921 enquiries @countydrains.com

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High Pressure Water . Milling . Biochapper Clearer . Dra			County Drains Ltd 49 Burlow Road, Buxton Tel. 01298 23921 enquiries@countydrains.com
	Project In	formation	
Chapel Memoria	Project Name al Park Chapel-en-le-Frith 141020	Project Number	Project Date 15/10/2020
Client			
Company: Contact: Department: Street: Town or City: County:	Chapel Parish Council Phil Brown Town Hall Market Street Chapel-en-le-Frith High Peak		
Site			
Company: Description: Contact: Street: Town or City: County:	Chapel Parish Council Chapel Memorial Park Phil Brown Rowton Grange Road Chapel-en-le-Frith High Peak		
Contractor			
Company: Contact: Street: Town or City: County: Post Code: Phone: Fax: Email:	County Drains Ltd Elspeth Holliday 49 Burlow Road Buxton Derbyshire SK17 9HY 01298 23921 01298 23928 enquiries@countydrains.com		

COUNTY DRAINS LIMITED		County Drains Ltd 49 Burlow Road, Buxton Tel. 01298 23921 enguiries @countydrains.com
High Pressure Water Jetting, Biockages Cleared, Drain Repairs, Preventative Maintenance Project Inf	ormation	
Project Name Chapel Memorial Park Chapel-en-le-Frith 141020	Project Number	Project Date 15/10/2020
Project Notes		
Summary		
Section 1 - Manhole MUGA Downstream to surveyed.	End of Pipe. Defects	along length
Section 2 - Manhole MUGA Upstream to En	d of Pipe. Defects alo	ng length surveyed.
Section 3 - Manhole 1 Upstream to Steps. D	Defects along length su	urveyed.
Section 4 - Manhole 1 Upstream to Defect.	Defects along length s	surveyed.
Section 5 - Manhole 1 Downstream Manhol	e 3. Defects along len	gth surveyed.
Section 6 - Manhole 3 Upstream to Manhole	e 2. Defects along len	gth surveyed.
Section 7 - Manhole 3 Downstream to Culve	ert. Defects along leng	gth surveyed.
Section 8 - Manhole 3 Downstream to Culve	ert. Defects along leng	gth surveyed.
Section 9 - Manhole 2 Upstream to End of P	ipe. Defects along ler	ngth surveyed.
Section 10 - Manhole BG Downstream to M	ain Sewer. No defects	s found.
Chapel Memorial Park Chapel-en-le-Frith 141020		P-2

High Pressure Water Jetting . Blockages Cleared . Drain Repair

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AlecNot SpecifiedNot SpecifiedNot SpecifiedPrivate DrainNot STown or Village:ChapelInspection Direction:DownstreamUpstream Node:M/H MRoad:Rowton Grange RdInspected Length:0.91 mUpstream Pipe Depth:0.750 mLocation:Fields, farmland etcTotal Length:0.76 mDownstream Node:ENDSurface Type:Joint Length:0.00 mDownstream Pipe Depth:0.750 mUse:Surface waterPipe Shape:CircularType of Pipe:Gravity drain/sewerDia/Height:150 mmYear Constructed:No flow controlInspectionNo LiningFlow Control:No flow controlLining Type:No LiningInspection Purpose:Routine inspectionLining Material:No LiningRecommendations:Recommendations:No LiningNo Lining		PLI M/H MU		Pre Clea No	Weather No Rain Or Snow	Client`s Job Ref Chapel Park	Time 8:56	Date 14/10/20	Inspection 1	Section 1
Town or Village: Chapel Inspection Direction: Downstream Upstream Node: M/H M Road: Rowton Grange Rd Inspected Length: 0.91 m Upstream Pipe Depth: 0.750 n Surface Type: Joint Length: 0.76 m Downstream Node: END Use: Surface water Pipe Shape: Circollar Direction: 150 nm Ype of Pipe: Gravity drain/sewer Dia/Height: 150 nm 150 nm Year Constructed: No flow control Lining Type: No Lining Flow Control: No flow control Lining Material: No Lining Comments: Recommendations: Scale: 150 Position [m] Code Observation MPEG Photo Depth: 0.75 m m/h muga 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:15 2 End 0.76 WLC Clear water level, 90% of the vertical dimension 00:01:24 3 0.76 Deformed sewer or drain, 25% 00:01:45 4 4		Alternat			Preset Length		icle		rator	Оре
Road: Rowton Grange Rd Location: Inspected Length: 0.91 m O.76 m Upstream Pipe Depth: 0.750 n Downstream Node: Surface Type: Surface water Joint Length: 0.00 m Downstream Pipe Depth: 0.750 n Use: Surface water Pipe Shape: Circular Downstream Pipe Depth: 0.750 n Use: Gravity drain/sewer Pipe Shape: Circular Downstream Pipe Depth: 0.750 n Year Constructed: No flow control Material: Polyvinyl chloride Ening Material: No Lining Inspection Purpose: Routine inspection Code Observation MPEG Photo Comments: Recommendations: Scale: 1:50 Position [m] Code Observation MPEG Photo Depth: 0.75 m m/h muga 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:01:15 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:1:24 3 0.76 WLC Clear water level, 90% of the vertical dimension 00:01:24 3 0.76 D Deformed sewer or drain, 25% 00:01:	ecified	Not Spe	Drain	Private I	Not Specified	Not Specified	ecified	Not Sp	ec	A
Location: Fields, farmland etc Total Length: 0.76 m Downstream Node: END Surface Type: Surface water Pipe Shape: Circular Downstream Pipe Depth: 0.750 m Use: Surface water Pipe Shape: Circular Downstream Pipe Depth: 0.750 m Year Constructed: Flow Control Material: Polyvinyl chloride Flow Control No Lining Inspection Purpose: Routine inspection Lining Type: No Lining No Lining Comments: Recommendations: Scale: 1:50 Position [m] Code Observation MPEG Photo Depth: 0.75 m m/h muga 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:15 2 0.30 MCXI Pipe material changes to an unidentified type of plastic at 00:00:44 2 0.76 WLC Clear water level, 90% of the vertical dimension 00:01:24 3 0.76 D Deformed sewer or drain, 25% 00:01:45 4	JGA	M/H MU	ode:	Upstream No	Downstream	Inspection Direction:		Chapel	illage:	Town or V
Surface Type: Joint Length: 0.00 m Downstream Pipe Depth: 0.750 f Use: Surface water Pipe Shape: Circular Type of Pipe: Gravity drain/sewer Dia/Height: 150 mm Year Constructed: Material: Polyvinyl chloride Flow Control: No flow control Lining Type: No Lining Inspection Purpose: Routine inspection Lining Material: No Lining Comments: Recommendations: Scale: 1:50 Position [m] Code Observation MPEG Photo Depth: 0.75 m m/h muga 0:0:00:07 1 1 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:01:45 2 0.30 MCXI Pipe material changes to an unidentified type of plastic at 00:00:124 3 0.76 D Deformed sewer or drain, 25% 00:01:45 4 0.76 SA Survey abandoned: No Further Access 00:01:45 5	ı	0.750 m	pe Depth:	Upstream Pi	0.91 m	Inspected Length:	inge Rd	Rowton Gra	-	Road:
Surface Type: Joint Length: 0.00 m Downstream Pipe Depth: 0.750 f Use: Surface water Pipe Shape: Circular Type of Pipe: Gravity drain/sewer Dia/Height: 150 mm Year Constructed: Material: Polyvinyl chloride Flow Control: No flow control Lining Type: No Lining Inspection Purpose: Routine inspection Lining Material: No Lining Comments: Recommendations: Scale: 1:50 Position [m] Code Observation MPEG Photo Depth: 0.75 m m/h muga 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:01:5 2 0.30 MCXI Pipe material changes to an unidentified type of plastic at this point: Change to land drain 00:01:42 3 0.76 D Deformed sewer or drain, 25% 00:01:45 4 0.76 SA Survey abandoned: No Further Access 00:01:45 5		END		-	0.76 m		-			Location:
Type of Pipe: Gravity drain/sewer Dia/Height: 150 mm Year Constructed: No flow control Material: Polyvinyl chloride Flow Control: No flow control Lining Type: No Lining Inspection Purpose: Routine inspection Lining Material: No Lining Comments: Recommendations: Scale: 1:50 Position [m] Code Observation MPEG Photo Depth: 0.75 m 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:15 2 0.00 MCXI Pipe material changes to an unidentified type of plastic at this point: Change to land drain 00:00:124 3 0.76 D Deformed sewer or drain, 25% 00:01:45 4 0.76 SA Survey abandoned: No Further Access 00:01:45 5	ı	0.750 m	Pipe Depth:	Downstream	0.00 m	Joint Length:			/pe:	Surface Ty
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Flow Control: No flow control Lining Type: No Lining Inspection Purpose: Routine inspection Lining Type: No Lining Comments: Recommendations: Scale: 1:50 Position [m] Code Observation MPEG Photo Depth: 0.75 m m/h muga 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:15 1 0.30 MCXI Pipe material changes to an unidentified type of plastic at this point: Change to land drain 00:00:124 3 0.76 D Deformed sewer or drain, 25% 00:01:45 4 0.76 SA Survey abandoned: No Further Access 00:01:45 5				150 mm	Dia/Height:		n/sewer	Gravity drai	pe:	Type of Pi
Inspection Purpose: Routine inspection Lining Material: No Lining Comments: Recommendations: Scale: 1:50 Position [m] Code Observation MPEG Photo Depth: 0.75 m m/h muga 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:15 00:00:15 0.30 MCXI Pipe material changes to an unidentified type of plastic at this point: Change to land drain 00:00:124 3 0.76 WLC Clear water level, 90% of the vertical dimension 00:01:24 3 0.76 D Deformed sewer or drain, 25% 00:01:45 4 0.76 SA Survey abandoned: No Further Access 00:01:45 5			oride	Polyvinyl chlo	Material:				tructed:	Year Cons
Comments: Recommendations: Scale: 1:50 Position [m] Code Observation MPEG Photo Depth: 0.75 m m/h muga 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 VL Water level, 0% % of the vertical dimension 00:00:15 0:00:01:15 0.30 MCXI Pipe material changes to an unidentified type of plastic at this point: Change to land drain 00:00:44 2 0.76 WLC Clear water level, 90% of the vertical dimension 00:01:24 3 0.76 D Deformed sewer or drain, 25% 00:01:45 4 0.76 SA Survey abandoned: No Further Access 00:01:45 5				No Lining	Lining Type:		trol	No flow con	rol:	Flow Cont
Recommendations: Scale: 1:50 Position [m] Code Observation MPEG Photo Depth: 0.75 m 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:15 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:15 2 0.30 MCXI Pipe material changes to an unidentified type of plastic at this point: Change to land drain 00:00:14 2 0.76 WLC Clear water level, 90% of the vertical dimension 00:01:24 3 0.76 D Deformed sewer or drain, 25% 00:01:45 4 0.76 SA Survey abandoned: No Further Access 00:01:45 5				No Lining	Lining Material:		pection	Routine ins	Purpose:	nspection
Depth: 0.75 m 0.00 CP Start node type, catchpit, reference number: m/h muga 00:00:07 1 0.00 WL Water level, 0% % of the vertical dimension 00:00:15 2 0.30 MCXI Pipe material changes to an unidentified type of plastic at this point: Change to land drain 00:00:44 2 End 0.76 WLC Clear water level, 90% of the vertical dimension 00:01:45 4 0.76 D Deformed sewer or drain, 25% 00:01:45 4										
m/h mugaCPStart node type, catchpit, reference number: m/h muga00:00:0710.00WLWater level, 0% % of the vertical dimension00:00:1510.30MCXIPipe material changes to an unidentified type of plastic at this point: Change to land drain00:00:4420.76WLCClear water level, 90% of the vertical dimension00:01:2430.76DDeformed sewer or drain, 25%00:01:4540.76SASurvey abandoned: No Further Access00:01:455	Grade	Photo	MPEG			Observation	Code	sition [m]	1:50 Po:	Scale:
0.00WLWater level, 0% % of the vertical dimension00:00:150.30MCXIPipe material changes to an unidentified type of plastic at this point: Change to land drain00:00:442End0.76WLCClear water level, 90% of the vertical dimension00:01:2430.76DDeformed sewer or drain, 25%00:01:4540.76SASurvey abandoned: No Further Access00:01:455										-
0.30MCXIPipe material changes to an unidentified type of plastic at this point: Change to land drain00:00:442End0.76WLCClear water level, 90% of the vertical dimension00:01:2430.76DDeformed sewer or drain, 25%00:01:4540.76SASurvey abandoned: No Further Access00:01:455		1	00:00:07	n/h muga	npit, reference number: r	Start node type, catch	СР	0.00		
End0.76WLCClear water level, 90% of the vertical dimension00:01:2430.76DDeformed sewer or drain, 25%00:01:4540.76SASurvey abandoned: No Further Access00:01:455			00:00:15		the vertical dimension	Water level, 0% % of	WL	0.00		
0.76DDeformed sewer or drain, 25%00:01:4540.76SASurvey abandoned: No Further Access00:01:455		2	00:00:44	of plastic at	s to an unidentified type land drain	Pipe material change this point: Change to	MCXI	0.30		•
0.76 SA Survey abandoned: No Further Access 00:01:45 5		3	00:01:24	on	% of the vertical dimension	Clear water level, 90%	WLC	0.76	nd	E
	4 / 4	4	00:01:45		rain, 25%	Deformed sewer or d	D	0.76		
Depth: 0.75 m		5	00:01:45		lo Further Access	Survey abandoned: N	SA	0.76		
									oth: 0.75 m	Dep

	Con	struction Featu	ires			Misc	ellaneous Feat	ures	
	S	tructural Defec	ts		Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	80.0	87.7	80.0	4.0	1	5.0	5.5	5.0	5.0

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High Pressure Water Jetting . Blockages Cleared . Drain Repairs . Preventative Maintenance

Section Pictures - 14/10/2020 - m/h mugaX

Section

Inspection Direction Downstream PLR M/H MUGAX Client`s Job Ref Chapel Park

Contractor`s Job Ref Chapel Park



1, 00:00:07, 0.00 m Start node type, catchpit, reference number: m/h muga



3, 00:01:24, 0.76 m Clear water level, 90% of the vertical dimension



2, 00:00:44, 0.30 m Pipe material changes to an unidentified type of plastic at this point



4, 00:01:45, 0.76 m Deformed sewer or drain, 25%



5, 00:01:45, 0.76 m Survey abandoned

High Pressure Water Jetting . Blockages Cleared . Drain Repairs . Pr

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Continu			Sectio	n Inspection	- 14/10/202	0 - End Y			
-	Inspection 2 erator Alec	14/10/20 Veh	Time 9:02 icle ecified	Client's Job Ref Chapel Park Camera Not Specified	Weather No Rain Or Snov Preset Length Not Specified	v Pre Cle v No Legal S Private	Status	PL ENI Alterna Not Spe	DY tive ID
Fown or N Road: Location: Surface T	:	Chapel Rowton Gra Fields, farm	nland etc	Inspection Direction: Inspected Length: Total Length: Joint Length:	18.05 m 18.05 m 0.00 m		ipe Depth:	END 0.400 m M/H MU 0.700 m	GA
Flow Con nspectio Comment	structed: trol: n Purpose: ts:	Surface wa Gravity drai No flow cor Routine ins	n/sewer htrol		Pipe Shape: Dia/Height: Material: Lining Type: Lining Material:	Circular 150mm Polyvinyl ch No Lining No Lining	loride		
	endations: 1:157 Po	osition [m]	Code	Observation			MPEG	Photo	Grade
	epth: 0.70 m nuga	0.00	СР	Start node type, catch	pit, reference numbe	er: m/h muga	00:00:03	1	
		0.00	WL	Water level, 0% % of			00:00:06		
		0.23	MCXI	Pipe material changes this point: Change to		/pe of plastic at	00:00:26	2	
t		<u>0.95</u> S01	CUW	Loss of vision, camera	a under water, start		00:00:53	3	
		18.05 504	CLIW				00.00.00		
		1 <u>8.05</u> F01	CUW	Loss of vision, camera			00:02:03	Δ	
		<u>18.05</u> F01 18.05	CUW SA	Loss of vision, camera Survey abandoned: E			00:02:03 00:02:07	4	
		18.05 Constructio			nd of Land Drain	Miscellaneou ervice & Operatic	00:02:07 us Features		

County Drains Ltd COUNTY DRAINS LIMITED 49 Burlow Road, Buxton Tel. 01298 23921 enquiries@countydrains.com Section Pictures - 14/10/2020 - EndY Inspection Direction PLR Client's Job Ref Contractor's Job Ref Section ENDY Chapel Park Chapel Park 2 Upstream m/h muga <<< defect 150 mm Circular (C) m/h muga <<< defect 150 mm Circular (C) 1, 00:00:03, 0.00 m 2, 00:00:26, 0.23 m Start node type, catchpit, reference number: m/h muga Pipe material changes to an unidentified type of plastic at this point

m/h muga <<< defect 150 mm Circular (C

4, 00:02:07, 18.05 m

Survey abandoned



3, 00:00:53, 0.95 m Loss of vision, camera under water, start

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Section 3 Ope	In or set! -			nspection - 14	-	-			n
	Inspection 3	Date 14/10/20	Time 9:36	Client`s Job Ref Chapel Park	Weather No Rain Or Snow	Pre Clea No		PL STEPS	
-	erator		nicle	Camera	Preset Length	Legal St		Alterna	tive ID
	lec		becified	Not Specified	Not Specified	Private S		Not Spe	
own or V	'illage:	Chapel		Inspection Direction:		Upstream No		STEPS	
oad:		Rowton Gra	-	Inspected Length:	33.40 m 33.40 m	Upstream Pi Downstream		0.500 m M/H 1	
ocation:	vne-	Fields, farn	liand etc	Total Length: Joint Length:	0.00 m	Downstream			
Ise:	ype.	Surface wa	ter	John Length.	Pipe Shape:	Circular	i i ipe Deptili.	. 0.000 m	
ype of Pi	pe:	Gravity dra			Dia/Height:	150 mm			
	structed:	-			Material:	Polyvinyl chlo	oride		
low Cont	rol:	No flow cor	ntrol		Lining Type:	No Lining			
nspectior	n Purpose:	Routine ins	pection		Lining Material:	No Lining			
comment: ecomme	s: endations:	survey in re	everse						
cale:	1:291 Po	sition [m]	Code	Observation			MPEG	Photo	Grade
	pth: 0.80 m /H 1								
		0.00	MH	Start node type, manh	nole, reference numbe	er: 1	00:00:06	1	
101		0.00	WL	Water level, 0% % of	the vertical dimensior	1	00:00:09		
		<u>3.69</u> S02	DES	Settled deposits, fine,	5% cross-sectional a	rea loss, start	00:03:36	2	3
	1	0.83 F02	DES	Settled deposits, fine,	5% cross-sectional a	rea loss, finish	00:03:06		3
†									
		98.84 501	DES	Sattlad deposits fina	5% cross-sectional a	rea loss start	00:01:30	3	
		2 <u>8.84</u> S01	DES	Settled deposits, fine,			00:01:30	3	
		28.84 S01 33.00 F01	DES	Settled deposits, fine, Settled deposits, fine,			00:01:30 00:01:30	3	3
	3				5% cross-sectional a			3	3
-	3	33.00 F01 33.40 33.40	DES SA	Settled deposits, fine,	5% cross-sectional a	rea loss, finish	00:01:30 00:00:28		3
-	3 3 s dias	33.00 F01 33.40 33.40 Constructio	DES	Settled deposits, fine, Survey abandoned: S	5% cross-sectional a		00:01:30 00:00:28	4	3

County Drains Limited en High Pressue Water Jotting. Biochages Cleared - Drain Repairs - Preventative Maintenance en Section Pictures - 14/10/2020 - steps diasX

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Section 3

Inspection Direction Upstream

PLR STEPS DIASX Client`s Job Ref Chapel Park

Contractor`s Job Ref Chapel Park



1, 00:00:06, 0.00 m Start node type, manhole, reference number: 1



 $2,\,00{:}03{:}36,\,3.69$ m Settled deposits, fine, 5% cross-sectional area loss, start



3, 00:01:30, 28.84 m Settled deposits, fine, 5% cross-sectional area loss, start



4, 00:00:28, 33.40 m Survey abandoned

High Pressure Water Jetting . Blockages Cleared . Drain Repairs . Pr

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			Sect	ion In	spection -	14/10/20)20 - d	defectX			
Section	Inspect				Client`s Job Ref	Weath		Pre Clea	ined		
4 Ope	erator	14/10/	20 9:5 Vehicle	3	Chapel Park Camera	No Rain Or Preset Le		No Legal St	atus		FECTX native ID
-	Alec	N	ot Specified		Not Specified	Not Spec		Private D		Not S	Specified
own or V	/illage:	Chape		Ins	pection Direction:	Upstream		Upstream No	de:	DEFE	СТ
oad:		Rowton	n Grange R	d Ins	pected Length:	17.60 m		Upstream Pip	be Depth:	1.300	m
ocation:		Fields,	farmland e	tc Tot	al Length:	16.95 m		Downstream	Node:	M/H 1	
urface T	уре:			Joi	nt Length:	0.00 m		Downstream	Pipe Dept	h: 1.300	m
se:	•		e water			Pipe Shape:		Circular			
ype of P	structed:		drain/sewe) I		Dia/Height: Material:		150 mm Vitrified clay			
low Con			v control			Lining Type:		No Lining			
	n Purpos		e inspectior	n		Lining Materi		No Lining			
omment		survey	in reverse								
	1:148	Position	iml C	ode O	oservation				MPEG	Photo	o Grade
	pth: 1.30] •								
m	1/h 1										
		0.00	Ν	/H St	art node type, man	hole, reference	number: 1		00:00:04	1	
		0.00	v	VL W	ater level, 10% % c	of the vertical di	mension		00:00:06		
		8.25	D		tached deposits, er 6 cross-sectional a		17 o'clock	to 10 o'clock,	00:01:56	2	3
		8.70	D		tached deposits, er % cross-sectional a		7 o'clock	to 9 o'clock,	00:01:47	3	3
1		10.64	D		tached deposits, er % cross-sectional a		3 o'clock	to 7 o'clock,	00:01:34	4	3
		11.40	D		tached deposits, er % cross-sectional a		7 o'clock	to 9 o'clock,	00:01:31	5	3
		11.70	D		tached deposits, er % cross-sectional a		6 o'clock	to 9 o'clock,	00:01:28	6	3
		13.53	L	.R Lii	ne deviates right				00:01:17	7	
		13.53	R	FJ Ro	oots, fine at joint				00:01:17		2
		15.36	F	RF Ro	oots, fine				00:01:08	8	2
		16.95	O	0'0	her obstacles, othe clock, 30% cross-se ostruction				00:00:25	9	5
	efect pth: 1.30	<u>16.95</u> m	S	SA Si	irvey abandoned: N	lo Further Acce	ess		00:00:25	10	
			uction Feat					Miscellaneous			
TR No. D			ctural Defec		otal STR Grade			e & Operation			SED Ore
0		R Peak S 0.0	5TR Mean 0.0	STR To 0.0	1.0	SER No. Def 8	SER Pe 10.0	ak SER Me 1.3		R Total 22.0	SER Grad

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High Pressure Water Jetting , Blockages Cleared , Drain Regains , Preventative Maintenance

Section Pictures - 14/10/2020 - defectX

Section 4 Inspection Direction

PLR DEFECTX Contractor`s Job Ref Chapel Park



Upstream

1, 00:00:04, 0.00 m Start node type, manhole, reference number: 1



3, 00:01:47, 8.70 m Attached deposits, encrustation from 7 o'clock to 9 o'clock, 20% cross-sectional area loss



5, 00:01:31, 11.40 m Attached deposits, encrustation from 7 o'clock to 9 o'clock, 10% cross-sectional area loss



Client's Job Ref

2, 00:01:56, 8.25 m Attached deposits, encrustation from 7 o'clock to 10 o'clock, 5% cross-sectional area loss



4, 00:01:34, 10.64 m Attached deposits, encrustation from 3 o'clock to 7 o'clock, 15% cross-sectional area loss



6, 00:01:28, 11.70 m Attached deposits, encrustation from 6 o'clock to 9 o'clock, 10% cross-sectional area loss

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Section Pictures - 14/10/2020 - defectX

Section 4

Inspection Direction Upstream

PLR DEFECTX

Client's Job Ref

Contractor's Job Ref Chapel Park



7, 00:01:17, 13.53 m Line deviates right



8, 00:01:08, 15.36 m Roots, fine



9, 00:00:25, 16.95 m Other obstacles, other object in invert from 5 o'clock to 9 o'clock, 30% cross-sectional area loss



10, 00:00:25, 16.95 m Survey abandoned

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	Section Pictures - 14/10/2020 - m/h 1X								
Section	Inspection Direction	PLR	Client's Job Ref	Contractor`s Job Ref					

M/H 1X



5

Downstream

1, 00:00:04, 0.00 m Start node type, manhole, reference number: 1



Chapel Park

2, 00:00:40, 1.52 m Roots, fine



3, 00:01:02, 6.04 m Finish node type, manhole, reference number: m/h 3

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					n Inspection -	1					
Section 6	Ореі	Inspection 6 rator ec	14/10/20 Ve	Time 10:19 hicle pecified	Client`s Job Ref Chapel Park Camera Not Specified	Weathe No Rain Or Preset Lee Not Speci	Snow ngth	Pre Cleaned No Legal Status Private Sewer		PLR M/H 2 Alternati Not Spec	2X ve ID
own o	or Vi	illage:	Chapel		Inspection Direction:	Upstream	Ups	tream Node:	ſ	M/H 2	
load:			Rowton G	range Rd	Inspected Length:	24.32 m	Ups	tream Pipe Dep	oth:	1.600 m	
ocatio	on:		Fields, farr	mland etc	Total Length:	24.13 m	Dov	vnstream Node:	: 1	M/H 3	
urfac	е Ту	pe:			Joint Length:	0.00 m	Dov	vnstream Pipe I	Depth: 1	1.800 m	
se:			Surface wa	ater		Pipe Shape:	Circ	ular			
уре о	f Pip	oe:	Gravity dra	ain/sewer		Dia/Height:	225	mm			
ear C	ons	tructed:				Material:	Vitr	fied clay			
low C	onti	rol:	No flow co	ntrol		Lining Type:	No	Lining			
spec	tion	Purpose:	Routine in	spection		Lining Materia		Lining			
omm	ents	:	survey in r	-		U					
		ndations:									
cale:		oth: 1.80 m	osition [m]	Code	Observation			MP	EG I	Photo	Grade
			-0.19	MHF	Finish node type, mar	nhole, reference	number: 2	00:02	2:25		
			0.00	МН	Start node type, manh	nole, reference i	number: 3	00:00	0:03	1	
			0.00	WL	Water level, 10% % o	f the vertical dir	nension	00:0	0:06		
†			<u>7.79</u> S01	CUW	Loss of vision, camera	a under water, s	start	00:0	1:49	2	
			<u>15.96</u> F01	CUW	Loss of vision, camera	a under water, f	inish	00:0	1:49		
			21.85	CN	Connection other thar mm	n junction, at 09	o'clock, diam	eter: 100 00:0	0:48	3	
			24.13	MHF	Finish node type, mar	nhole, reference	number: m/h	2 00:0	0:19	4	
	m/i Dep	h 2 oth: 1.60 m	Constructi	on Features			Mier	ellaneous Featu	Ires		
				al Defects				Operational Obs		s	
	0. D	ef STR P			R Total STR Grade	SER No. Def	SER Peak	SER Mean	SER To		R Gra

Section

6

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Tel. 01298 23921

Chapel Park

High Pressure Water Jetting . Block

irain Re	epairs - Preventative Maintenance		enquiries@countydrains.com	
	Section Pic	tures - 14/10/20	20 - m/h 2X	
	Inspection Direction	PLR	Client`s Job Ref	Contractor's Job Ref

M/H 2X



Upstream

1, 00:00:03, 0.00 m Start node type, manhole, reference number: 3



3, 00:00:48, 21.85 m Connection other than junction, at 09 o'clock, diameter: 100 mm



2, 00:01:49, 7.79 m Loss of vision, camera under water, start



4, 00:00:19, 24.13 m Finish node type, manhole, reference number: m/h 2

High Pressure Water Jetting . Blockages Cleared . Drain Repairs . Pre

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	1			Inspection -	- 14/10/2020 -	-			
Section 7	Inspection 7	Date 14/10/20	Time 10:23	Client`s Job Ref Chapel Park	Weather No Rain Or Snow	Pre Clea No	ned		PLR /H 3Y
	rator lec	Vehi Not Spe		Camera Not Specified	Preset Length Not Specified	Legal St Private D			n ative ID Specified
own or V	illage:	Chapel		Inspection Direction:	Downstream	Upstream No	de:	M/H 3	
load:		Rowton Gra	nge Rd	Inspected Length:	2.17 m	Upstream Pip	-	1.800	m
ocation:		Fields, farm	land etc	Total Length:	2.17 m	Downstream	Node:	CULV	ERT
Surface Ty	/pe:			Joint Length:	0.00 m	Downstream	Pipe Deptl	n: 0.000	m
Jse:		Surface wat			Pipe Shape:	Circular			
ype of Pi	pe:	Gravity drain	n/sewer		Dia/Height:	150 mm			
ear Cons	structed:				Material:	Vitrified clay			
low Cont	rol:	No flow cont	trol		Lining Type:	No Lining			
nspectior	Purpose:	Routine insp	pection		Lining Material:	No Lining			
Comments Recomme	s: ndations:	survey in rev	/erse						
Scale:	1:50 Pc	sition [m]	Code	Observation			MPEG	Photo	Grade
•	oth: 1.80 m /h 3								
	$\left \right\rangle$	0.00	MH	Start node type, man	nole, reference number:	3	00:00:04	1	
-		0.00	WL	Water level, 0% % of	the vertical dimension		00:00:05		
¥		0.49	MCMAR	Pipe material change this point: Stone Culv	s to masonry (randomly ert	coursed) at	00:00:45	2	
		2.17	SA	Survey abandoned: C	Culvert		00:00:19	3	
		Construction	n Features			Miscellaneous	Features		
		C++	Dofoot-		0.000	ion & Onarthe		liona	
TR No. D	ef STR Pe	Structural ak STR M		R Total STR Grade	Serv SER No. Def SER F	rice & Operation		tions Total	SER Gra

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High Pressure Water Jetting . Blockages Cleared . Drain Repairs . Preventative Maintenance

Section Pictures - 14/10/2020 - m/h 3YSectionInspection DirectionPLRClient`s Job RefContractor`s Job Ref7DownstreamM/H 3YChapel ParkChapel Park



1, 00:00:04, 0.00 m Start node type, manhole, reference number: 3



2, 00:00:45, 0.49 m Pipe material changes to masonry (randomly coursed) at this point



3, 00:00:19, 2.17 m Survey abandoned

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Section	Inspection		Time	Client's Job Ref	Weather		Pre Cleaned		PLR
8	8 erator	14/10/20) 10:27 /ehicle	Chapel Park Camera	No Rain Or Sr Preset Leng		No Legal Status		M/H 3X ernative ID
	lec		Specified	Not Specified	Not Specifie		Private Drain		Specified
own or V	illage:	Chapel		Inspection Direction:	Downstream	Upst	ream Node:	M/H	3
oad:	-		Grange Rd	Inspected Length:	1.79 m		ream Pipe Dept	t h: 1.80	0 m
ocation:		Fields, fa	armland etc	Total Length:	1.79 m	Dow	nstream Node:	CUL	VERT
urface T	/pe:			Joint Length:	0.00 m	Dow	nstream Pipe D	epth: 0.00	0 m
se:		Surface			Pipe Shape:	Circu			
ype of Pi		Gravity d	Irain/sewer		Dia/Height:	225 Viterif			
ear Cons Iow Cont		No flow o	control		Material: Lining Type:		ied clay .ining		
	Purpose:		inspection		Lining Material:		ining		
comment		rtouine	inopeotion		Lining material.		lining		
ecomme	ndations:								
cale:	1:50 Pc	sition [m	n] Code	Observation			MPE	G Pho	to Grade
	oth: 1.80 m /h 3								
		0.00	MH	Start node type, man	nole, reference nui	mber: 3	00:00	:04 1	
		0.00	WL	Water level, 10% % o	of the vertical dime	nsion	00:00	:12	
€		0.30	MCMAR	Pipe material changes this point: Culvert	s to masonry (rand	domly course	ed) at 00:00	:56 2	
		0.76 S		Loss of vision, camera	a under water, sta	rt	00:00		
		1.75 F(01 CUW	Loss of vision, camer	a under water, finis	sh	00:00	:59	
		1.79	SA	Survey abandoned: C	Culvert		00:01	:18 4	
		Construc	ction Features				ellaneous Featur		
TR No. D	Def STR Pe	Struct	ural Defects	「R Total │ STR Grade	SER No. Def S		Operational Obse		SER Grad

DUNTY DRA	INS LIMITED			County Drains Lt 49 Burlow Road, Buxt Tel. 01298 239
Pressure Water Jetting • Blockages Cleared •	Dain Repairs - Preventative Maintenance	ures - 11/10/2	020 - m/h 3¥	enquiries@countydrains.co
Section 8	Inspection Direction Downstream	PLR M/H 3X	Client`s Job Ref Chapel Park	Contractor`s Job Ref Chapel Park
			- Chapoli and	
m/h 3 >>> m/h 4 225 mm		m/h 3 >	>> m/h 4 225 mm Circular (C)	
Start node typ	1, 00:00:04, 0.00 m be, manhole, reference number: 3	Pipe n	2, 00:00:56, 0.3 naterial changes to masonry (r	
			point	
		8. BB		
		100		
0.76m		3.7	9m	
n/h 3 >>> m/h 4 225 mm	Gircular (C) 3, 00:00:59, 0.76 m		>> m/h 4 225 mm Circular (C)	
			4, 00:01:18, 1.7	

3, 00:00:59, 0.76 m Loss of vision, camera under water, start

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Section	Inspection	Date	Time	Client's Job Ref	Weather	Pre Clea	ned	PLR	
9	9 erator	14/10/20 Veh	10:44	Chapel Park Camera	No Rain Or Snow Preset Length	No Legal Sta	atuo	END2 Alternati	
•	lec	Not Sp		Not Specified	Not Specified	Private D		Not Spec	
own or V	/illage:	Chapel		Inspection Direction:		Upstream No	de.	END	
oad:		Rowton Gra	ange Rd	Inspected Length:	25.12 m	Upstream Pip		0.000 m	
ocation:		Fields, farm	-	Total Length:	25.46 m	Downstream	-	M/H 2	
urface T	ype:			Joint Length:	0.00 m	Downstream	Pipe Depth:	1.600 m	
se:		Surface wat	ter		Pipe Shape:	Circular			
ype of Pi	ipe:	Gravity drai	n/sewer		Dia/Height:	225 mm			
ear Cons	structed:				Material:	Vitrified clay			
low Con	trol:	No flow con	trol		Lining Type:	No Lining			
-	n Purpose:	Routine ins	pection		Lining Material:	No Lining			
omment ecomme	s: endations:	Survey in R	everse						
cale:	1:171 Po	sition [m]	Code	Observation			MPEG	Photo	Grad
	pth: 1.60 m	0.00	MH	Start pada tupa man	holo, reference number:	2	00.00.03	1	
m	/h 2	0.00		Start node type, man	hole, reference number:	2	00:00:03		
		0.00	WL	Water level, 10% % c	of the vertical dimension		00:00:06		
		2.85	RFJ	Roots, fine at joint			00:02:19	2	2
		3.61	RFJ	Roots, fine at joint			00:02:13	3	2
		5.36	RFJ	Roots, fine at joint			00:02:07	4	2
		6.19	RFJ	Roots, fine at joint			00:02:04	5	2
		7.03	RMJ	Roots, mass at joint,	25% cross-sectional are	a loss	00:02:01	6	5
1		7.68	RFJ	Roots, fine at joint			00:01:55	7	2
		8.70	RFJ	Roots, fine at joint			00:01:47	8	2
		0.87	DEE	Attached deposits, er 5% cross-sectional a	ncrustation from 8 o'cloc rea loss	k to 11 o'clock,	00:01:38	9	3
		1.44	DEE	Attached deposits, er 10% cross-sectional a	ncrustation from 2 o'cloc area loss	k to 5 o'clock,	00:01:34	10	3
		2.58	DEE	Attached deposits, er 10% cross-sectional a	ncrustation from 1 o'cloc area loss	k to 5 o'clock,	00:01:29	11	3
		5.69	DEE	Attached deposits, er 5% cross-sectional a	ncrustation from 2 o'cloc rea loss	k to 11 o'clock,	00:01:04	12	3
I		7.29	DEE	Attached deposits, er 5% cross-sectional a	ncrustation from 4 o'cloc rea loss	k to 6 o'clock,	00:00:56	13	3
	\backslash_1	8.05	DEE	Attached deposits, er 5% cross-sectional a	ncrustation from 3 o'cloc	k to 5 o'clock,	00:00:46	14	3

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ligh Pressure Water Jetting . Blockages Cleared . Drain Repairs

	· · · · · · · · · · · · · · · · · · ·	onagoo ona ou i ora								
			\$	Sectio	n Inspection	- 14/10/2020 -	EndX			
Section	on Inspe	ction	Date	Time	Client's Job Ref	Weather	Pre Clea	aned	PLI	२
9	9		4/10/20	10:44	Chapel Park	No Rain Or Snow	No		END	Х
(Operator		Vehi	cle	Camera	Preset Length	Legal St	atus	Alternat	ive ID
	Alec		Not Spe	ecified	Not Specified	Not Specified	Private I	Drain	Not Spe	cified
Scale:	1:171	Positi	ion [m]	Code	Observation			MPEG	Photo	Grade
		21.1	3	DEE	Attached deposits, er cross-sectional area l	crustation at 5 o'clock, 5 oss	%	00:00:34	15	3
		21.8	31	DEE	Attached deposits, er 5% cross-sectional ar	crustation from 2 o'clock rea loss	to 6 o'clock,	00:00:30	16	3
		23.2	29	DEE	Attached deposits, er 5% cross-sectional ar	crustation from 4 o'clock rea loss	to 6 o'clock,	00:00:24	17	3
	\bigcirc	24.2	21	DEE	Attached deposits, er 5% cross-sectional a	crustation from 4 o'clock ea loss	to 5 o'clock,	00:00:20	18	3
	End	25.1	2	SA	Survey abandoned: E	nd of Run		00:00:15	19	

End of pipe

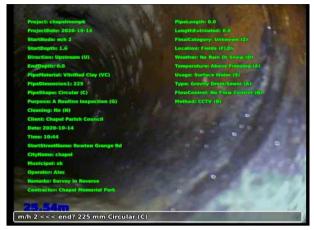
Depth: 0.00 m

25.46

Construction Features					Miscellaneous Features				
	Structural Defects				Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	17	10.0	1.5	36.0	5.0

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Section Pictures - 14/10/2020 - EndX							
Section	Inspection Direction	PLR	Client`s Job Ref	Contractor's Job Ref			
9	Upstream	ENDX	Chapel Park	Chapel Park			



1, 00:00:03, 0.00 m Start node type, manhole, reference number: 2



2, 00:02:19, 2.85 m Roots, fine at joint



3, 00:02:13, 3.61 m Roots, fine at joint



4, 00:02:07, 5.36 m Roots, fine at joint



5, 00:02:04, 6.19 m Roots, fine at joint



6, 00:02:01, 7.03 m Roots, mass at joint, 25% cross-sectional area loss

Section

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Contractor`s Job Ref

Chapel Park

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9 Upstream

Inspection Direction

PLR

ENDX

7, 00:01:55, 7.68 m Roots, fine at joint



Client's Job Ref

8, 00:01:47, 8.70 m Roots, fine at joint



9, 00:01:38, 10.87 m Attached deposits, encrustation from 8 o'clock to 11 o'clock, 5% cross-sectional area loss



11, 00:01:29, 12.58 m Attached deposits, encrustation from 1 o'clock to 5 o'clock, 10% cross-sectional area loss



10, 00:01:34, 11.44 m Attached deposits, encrustation from 2 o'clock to 5 o'clock, 10% cross-sectional area loss



12, 00:01:04, 15.69 m Attached deposits, encrustation from 2 o'clock to 11 o'clock, 5% cross-sectional area loss

Section

9

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Chapel Park

High Pressure Water Jetting , Blockages Cleared , Drain Repairs , Preventative Maintenance

Section Pictures - 14/10/2020 - EndX								
	Inspection Direction	PLR	Client`s Job Ref	Contractor's Job Ref				

ENDX



Upstream

13, 00:00:56, 17.29 m Attached deposits, encrustation from 4 o'clock to 6 o'clock, 5% cross-sectional area loss



15, 00:00:34, 21.13 m Attached deposits, encrustation at 5 o'clock, 5% cross-sectional area loss



17, 00:00:24, 23.29 m Attached deposits, encrustation from 4 o'clock to 6 o'clock, 5% cross-sectional area loss



14, 00:00:46, 18.05 m Attached deposits, encrustation from 3 o'clock to 5 o'clock, 5% cross-sectional area loss



16, 00:00:30, 21.81 m Attached deposits, encrustation from 2 o'clock to 6 o'clock, 5% cross-sectional area loss



18, 00:00:20, 24.21 m Attached deposits, encrustation from 4 o'clock to 5 o'clock, 5% cross-sectional area loss

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			1

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Section Pictures - 14/10/2020 - EndX							
Section	Inspection Direction	PLR	Client`s Job Ref	Contractor's Job Ref			
9	Upstream	ENDX	Chapel Park	Chapel Park			
9	Upstream	ENDX	Chapel Park	Chapel Park			



19, 00:00:15, 25.12 m Survey abandoned

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			Section	Inspection -	14/10/2020	- M/H BC	GX		
	Inspecti 10 erator	14/10/20 Ve	Time 12:30 hicle Specified	Client`s Job Ref Chapel Park Camera Not Specified	Weather No Rain Or Sno Preset Lengt Not Specified	h Lega	Cleaned No I Status specified	M/H Altern	LR BGX ative ID becified
own or V load: .ocation: Surface T	-	Chapel Rowton G Fields, far	range Rd mland etc	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 14.82 m 14.06 m 0.00 m	Downstre	Pipe Depth:	MAIN	n SEWER
lse: ype of P ear Cons low Con spection comment	ipe: structed: trol: n Purpose	Survey in	ontrol nspection		Pipe Shape: Dia/Height: Material: Lining Type: Lining Material:	Circular 100mm Polyvinyl c No Lining No Lining	chloride		
De	1:123 pth: 0.35 H BG	Position [m] m	Code	Observation			MPEG	Photo	Grade
		0.00	МН	Start node type, man	hole, reference nur	nber: M/H BG	00:00:02	2 1	
¥									
		9.54	ш	Line deviates left			00:01:00) 2	
		12.58	LR	Line deviates right			00:00:4	1 3	
	sewer pth: 1.60	14.06 m	BRF	Finish node type, ma reference number: m		out manhole,	00:00:32	2 4	
		Construct	tion Features			Miscellane	ous Features		
TR No. I	Def STR	Structu	ral Defects	R Total STR Grade		Service & Opera	tional Observ	ations	SER Grad
		0.0	0.0	0.0 1.0	0	0.0	0.0	0.0	1.0

Section

10

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Section Pictures - 14/10/2020 - M/H BGX							
Inspection Direction	PLR	Client`s Job Ref					
Downstream	M/H BGX	Chapel Park					

Contractor's Job Ref Chapel Park



1, 00:00:02, 0.00 m Start node type, manhole, reference number: M/H BG



2, 00:01:00, 9.54 m Line deviates left



3, 00:00:41, 12.58 m Line deviates right



4, 00:00:32, 14.06 m Finish node type, major connection without manhole, reference number: main sewer