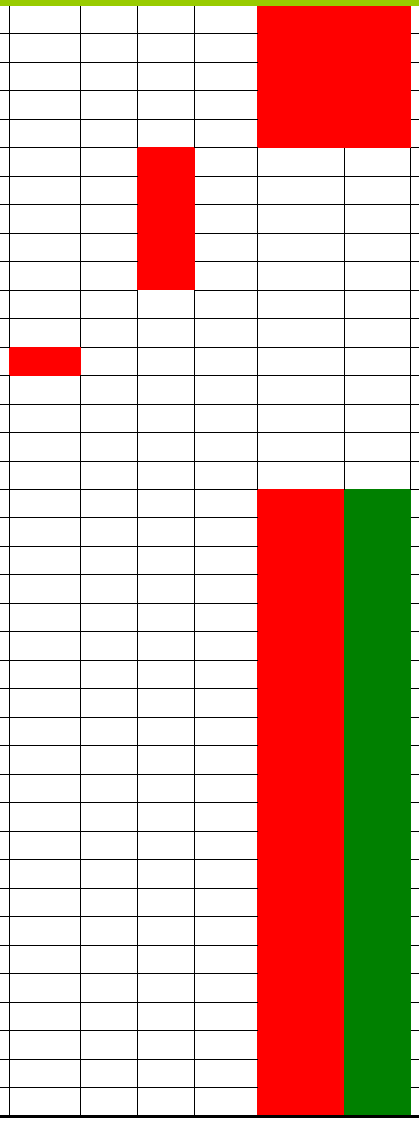
CODE												
FORMATS				Value								
MSCC3	MSCC4	PACP	DESCRIPTIONS	CD	1st	2nd	%	joint	from	to	image	remarks
Constructional												
BR	BR		Branch Major									
	BRF		Finish at major connection without manhole									
CN	CN	**TB**	Connection/Tap Break in									
		TBA	Tap Break in Active									
		TBB	Connection abandoned/Tap Break In Abandoned		P							
	CNC	**TBC**	Tap Beak in Capped									
CNI		TBI	Connection, Intruding/Tap Break in Intruding									
CX	CX	**TBD**	Connection Defective/Tap Break in Defective									
	CXB		Connection Defective, pipe is blocked									
	CXD		Connection Defective, connecting pipe is damaged									
CXI	CXI		connection defective intrusion		3,4	3	4		3,4			
	CXP		connection defective, position incorrect									
	CXZ		connection defective other									
JN	JN	**TF**	Junction/ Tap Factory									
		TFA	Tap Factory Active									
		TFB	Junction Abandoned/Tap Factory Abandoned									
	JNC	**TFC**	Tap Factory Capped									
JX	JX	**TFD**	Junction Defective/Tap Factory Defective									
	JXB		Junction defective connecting pipe is blocked									
	JXD		Junction defective connecting pipe is damaged									
	JXP		Junction defective position incorrect									
	JXZ		Junction defective other									
		TFI	Tap Factory Intruding									
		TS	Tap Saddle									
		TSA	Tap Saddle Active									
		TSB	Tap Saddle Abandoned									
		TSC	Tap Saddle Capped									
		TSD	Tap Saddle Defective									
		TSI	Tap Saddle Intruding									
MH	MH	**AMH**	Manhole Node									4,P
	MHF		Finish at Manhole									
	CP	**ACB**	Catch basin									
	CPF		Catch Pit Finish									
		ACOH	Cleanout House									
		ACOM	Cleanout Mainline									
		ACOP	Cleanout Property line									
	OF	**ADP**	Discharge point									
	OFF		Finish at Outfall									
		AEP	End of Pipe									

CODE														
FORMATS			DESCRIPTIONS		Value									
MSCC3	MSCC4	PACP		CD	1st	2nd	%	joint	from	to	image	remarks		
Constructional														
		AJB	Junction Box											
		AM	Meter											
	C	**AOC**	Special Chamber									4		
	OCF		Finish at other special chamber											
		ATC	Tee Connection											
		AWA	Wastewater Access Device											
		AWW	Wet Well											
	LH		Start at lamphole											
	LHF		Finish at lamphole											
	GY		Start at Gully											
	GYF		Finish at Gully											
	IC		Start at Inspection Chamber											
	ICF		Finish at Inspection Chamber											
	OS		Start at Oil Separator											
	OSF		Finish at Oil Separator											
	RE		Start at rodding eye											
	REF		Finish at rodding eye											
	SK		Start at soakaway											
	SKF		Finish at soakaway											
LL	LL	**LL**	Line Left				P							
		LLD	Line Left Down				P							
LU	LU	**LU**	Line Up				P							
		LLU	Line Left Up				P							
LD	LD	**LD**	Line Down				P							
		LRD	Line Right Down				P							
LR	LR	**LR**	Line Right				P							
		LRU	Line Right Up				P							
		ISGT	Intruding Sealing Grout				P							
	SR	**ISSR**	Intruding Sealing Ring				P							
	SRB	**ISSRB**	Intruding Sealing Ring broken				P							
		ISSRH	Intruding Seal ring Hanging				P							
		ISSRL	Intruding Seal Ring Loose				P							
	SO	**ISZ**	Intruding Sealing Other				P							
Miscellaneous														
CU	CU	**MCU**	Loss of vision/Camera Underwater											
	CUD		Loss of vision silt											
	CUS		Loss of vision steam											
	CUW		Loss of vision camera under water											
	CUZ		Loss of vision other											

CODE												
FORMATS					Value							
MSCC3	MSCC4	PACP	DESCRIPTIONS	CD	1st	2nd	%	joint	from	to	image	remarks
Constructional												
DC	SC	**MSC**	Diameter of sewer changes									
FH			Finish of Surveys									
GO	REM	**MGO**	General Observation									
GP	GP	**MGP**	General Photograph									
	PVR		Photographic Volume Reference new volume									
	VVR		Video Volume reference new volume									
LC	LC*	**MLC**	Lining of sewer changes/start/finishes(*4 requires lining code added)									
MC	MC*	**MMC**	Material of sewer changes (*4 requires the material code added)									
PC	PC	**MJL**	length of pipe forming sewer changes									
SA	SA	**MSA**	Survey Abandoned									
SC	SC*		Shape of sewer changes(*4 requires shape code added)									
	GZ		Hazardous atmosphere other									
	HS		Hazardous atmosphere, hydrogen sulphide									
	ME		Hazardous atmosphere methane									
	OD		Hazardous atmosphere oxygen deficiency									
ST			Start of survey									
WL	WL	**MWL**	Water Level									
		MWLS	Water Level Sag									
		MWM	Water Mark									
		MYV	Dye Test Visible									
		MYN	Dye Test Not Visible									
	WLC		Clear Water Level									
	WLT		Turbid Water Level									
	FW		Flow in incoming Pipe									
	FWC		Clear flow in incoming foul pipe									
	FWCS		Wrong clear flowin incoming foul pipe									
	FWT		Turbid flow in incoming pipe									
	FWTF		Wrong turbid flow inincoming surface water pipe									
Structural												
CC	CC	**CC**	Crack Circumferential									
CL	CL	**CL**	Crack Longitudinal									
CM	CM	**CM**	Cracks Multiple									
	CS	**CS**	Cracks Spiral									
FC	FC	**FC**	Fracture Circumferential									
FL	FL	**FL**	Fracture Longitudinal									
FM	FM	**FM**	Fracture Multiple									
	FS	**FS**	Fracture Spiral									
B	B	**B**	Broken									

CODE												
FORMATS					Value							
MSCC3	MSCC4	PACP	DESCRIPTIONS	CD	1st	2nd	%	joint	from	to	image	remarks
Constructional												
	SV	**BSV**	Broken Soil Visible									
	VV	**BVV**	Broken Void Visible									
H	HS	**H**	Hole									
		HSV	Hole Soil Visible									
		HVV	Hole Void Visible									
D	D	**D**	Deformed									
	DV	**DV**	Deformed Vertically									
	DH	**DH**	Deformed Horizontally									
X	XP	**XP**	Collapse									
	JD		Joint Displaced									
JDM	JDM	**JOM**	Joint Displaced/Joint Offset Medium (1 to 1.5)									
JDL	JDL	**JOL**	Joint Displaced Large /Joint Offset Large (>1.5)									
	OJ		Open Joint									
OJM	OJM	**JSM**	Joint Open Medium									
OJL	OJL	**JSL**	Joint Open Large									
		JAM	Joint Angular Medium									
		JAL	Joint Angular Large									
SSS	SS	**SSS**	Surface Spalling slight									
SSM			Surface Spalling Medium									
SSL			Surface Spalling Large									
		SSSC	Surface Spalling Chemical									
		SSSM	Surface Spalling Mechanical									
		SSSZ	Surface Spalling Unknown									
SWS	SW	**SRI**	Surface Wear Slight/Roughness Increased									
		SRIC	Roughness Increased Chemical									
		SRIM	Roughness Increased Mechanical									
		SRIZ	Roughness Increased Unknown									
	SAV	**SAV**	Surface Damage Aggregate Visible									
		SAVC	Surface Damage Aggregate Visible Chemical									
		SAVM	Surface Damage Aggregate Visible Mechanical									
		SAVZ	Surface Damage Aggregate Visible Unknown									
SWM	SAP	**SAP**	Surface Wear Medium/ Aggregate Projecting									
		SAPC	Aggregate Projecting Chemical									
		SAPM	Aggregate projecting Mechanical									
		SAPZ	Aggregate Projecting Unknown									
		SAM	Surface Damage Agregate Missing									
		SAMC	Surface Aggregate Missing Chemical									
		SAMM	Surface Aggregate Missing Mechanical									
		SAMZ	Surface Aggregate Missing Unknown									



CODE													
FORMATS					Value								
MSCC3	MSCC4	PACP	DESCRIPTIONS	CD	1st	2nd	%	joint	from	to	image	remarks	
Constructional													
SWL	SRV	**SRV**	Surface Wear Large/Aggregate is missing reinforcement visible										
		SRVC	Aggregate is missing reinforcement visible chemical										
		SRVM	Aggregate is missing reinforcement visible mechanical										
		SRVZ	Aggregate is missing reinforcement visible unknown										
	SRP	**SRP**	aggregate missing and reinforcement is projecting										
		SRPC	aggregate missing and reinforcement is projecting chemical										
		SRPM	aggregate missing and reinforcement is projecting mechanical										
		SRPZ	aggregate missing and reinforcement is unknown										
	SRC	**SRC**	Reinforcement Corroded										
		SRCC	Reinforcement Corroded Chemical										
		SRCM	Reinforcement Corroded Mechanical										
		SRCZ	Reinforcement Corroded Unknown										
		SMW	Missing Wall										
		SMWC	Missing Wall Chemical										
		SMWM	Missing Wall Mechanical										
		SMWZ	Missing Wall Unknown										
	SZ	**SZ**	Surface Damage Other										
		SZC	Surface Damage Other Chemical										
		SZM	Surface Damage Other Mechanical										
		SZZ	Surface Damage Other Unknown										
	SCP	**SCP**	Surface Damage Corrosion										
LN			Lining Defect										
	LXD	**LFD**	Lining Detached										
	LXE	**LFDE**	Lining Defective End										
	LXB	**LFB**	Lining blistered										
	LXC		Lining discoloration										
		LFCS	Lining Service Cut shifted										
		LFAC	Lining Abandoned Connection										
		LFOC	Lining Overcut Service										
		LFUC	Lining Undercut service										
		LFBK	Lining Buckled										
		LFW	Lining Wrinkled										
	LXWC		Lining Wrinkled circumferential										
	LXWL		lining wrinkled longitudinal										
	LXWM		lining wrinkled spiral										
		LFDL	Lining Failure Delaminating										
		LFPH	Lining Failure Pinhole										
	LXZ	**LFZ**	Lining Other										
	WXC	**WFC**	Weld Failure Circumferential										

CODE													
FORMATS					Value								
MSCC3	MSCC4	PACP	DESCRIPTIONS	CD	1st	2nd	%	joint	from	to	image	remarks	
Constructional													
	WXL	**WFL**	Weld Failure Longitudinal										
		WFM	Weld Failure Multiple										
	WXS	**WFS**	Weld Failure Spiral										
		WFZ	Weld failure Other										
	PP		Pipe material is porous										
	RPL	**RPL**	Repair Localized Liner									P	
		RPLD	Repair Localized Liner Defective									P	
	RPI	**RPP**	Injected Mortar/Repair Patch									P	
		RPPD	Repair Patch Defective									P	
	RPH	**RPR**	Hole repaired/Repair Point									P	
		RPRD	Repair Point Defective									P	
	RPZ	**RPZ**	Repair Other									P	
	RXZ	**RPZD**	Repair Other Defective									P	
	RPR		Pipe Replaced										
	RPS		Injected other sealing material										
	RXM		part of wall missing										
Brickwork													
DB	DB	**DB**	Displaced Brick										
MB	MB	**MB**	Missing Brick										
DI	DI	**DI**	Dropped Invert										
MM	MM	**MMM**	Missing Mortar Medium			4	4						
		MML	Missing Mortar Large										
		MMS	Missing Mortar Small										
	XB	**XB**	Collapse Brick Pipe				P						
Operation and Maintenance													
EL	DEE	**DAE**	Encrustation Light/Deposits Encrustation										
EM			Encrustation Medium										
EH			Encrustation Heavy										
ESL			Scale Light										
ESH			Scale Heavy										
ESM			Scale Medium										
DE		DA	Debris/Deposits Attached										
DES	DES	**DSF**	Debris Silt/Settled Deposits Sand										
DEG	DEG	**DAGS**	Debris Grease/Attached Deposits Grease										
		DAR	Deposits Attached Ragging										
	DEZ	**DAZ**	Deposits Attached Other										
	DEF		Deposits Attached Fouling										
	DER	**DSGV**	Settled Deposits Gravel										
	DEC	**DSC**	Settled Deposits compacted										

CODE													
FORMATS					Value								
MSCC3	MSCC4	PACP	DESCRIPTIONS	CD	1st	2nd	%	joint	from	to	image	remarks	
Constructional													
	DEX	**DSZ**	Settled Deposits Other									P	
	INGS	**DNF**	Ingress Deposit Sand										
	INGG	**DNGV**	Ingress Deposit Gravel										
	INGZ	**DNZ**	Ingress Deposit Other									P	
	INGJ		Ingress of soil										
	INGP		Ingress of Peat										
	INGF		Ingress of fine material										
	EX		Exfiltration										
RF	RF		Roots Fine										
		RFB	Roots Fine Barrel										
		RFL	Roots Fine Lateral										
		RFC	Roots Fine Connection										
		RFJ	Roots Fine Joint										
RM	RM		Root Mass										
		RBB	Root Ball Barrel										
		RBC	Root Ball Connection										
		RBJ	Root Ball Joint										
		RBL	Root Ball Lateral										
		RMB	Root Medium Barrel										
		RMC	Root Medium Connection										
		RMJ	Root Mediium Joint										
		RML	Root Medium Lateral										
RT	RT		Root Tap										
		RTB	Root Tap Barrel										
		RTC	Root Tap Connection										
		RTJ	Root Tap Joint										
		RTL	Root Tap Lateral										
IS	IS		Infiltration Seeper										
		IS	Infiltration Stain										
ID	ID	**ID**	Infiltration Dripper										
IG	IG	**IG**	Infiltration Gusher										
IR	IR	**IR**	Infiltration Continuous Flow										
		IW	Infiltration Weeper										
OB			Obstruction										
	OBB	**OBB**	Obstruction Brick										
	OBM	**OBM**	Obstruction Pipe Material										

CODE												
FORMATS					Value							
MSCC3	MSCC4	PACP	DESCRIPTIONS	CD	1st	2nd	%	joint	from	to	image	remarks
Constructional												
	OBI	**OBI**	Obstruction Intruding									
		OBJ	Obstruction Wedged in Joint									
	OBC	**OBC**	Obstruction through Connection									
	OBP	**OBP**	Obstruction external pipe or cable									
	OBS	**OBS**	Obstruction built into structure									
		OBN	Obstruction Construction Debris									
		OBR	Obstruction Rocks									
	OBZ	**OBZ**	Obstruction Other									
	OBX		Other object in invert									
V	V	**V**	Vermin									
	VRC	**VR**	Rat		P							
	VRJ		rats observed in open joint									
	VRZ		rats observed other									
		VC	Cockroach									
		VZ	Other									
	WR		Video Volume Reference									