

🥶 WinCan

GF James Plumbing

			Seci	ion Profile			
		Project name 2018_09_06		Pro	oject number		roject date 6/09/2018
Section No.	US MH	DS MH	Date of inspection	Address/Location	Material	Inspected Length	Pipe Asset ID
1	Pit 1	Junction Pit	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	6.70	Line 1
1 x 300	0 = 6.70 Section	n Length [m] (6.7	70 Inspected	Length)			
Section No.	US MH	DS MH	Date of inspection	Address/Location	Material	Inspected Length	Pipe Asset ID
2	Pit 2	Pit 3	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	11.70	Line 2
3	Pit 3	Pit 4	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	0.05	Line 2.1
2 x 500	0 = 11.75 Sectio	on Length [m] (1	1.75 Inspect	ed Length)			
Section	US MH	DS MH	Date of	Address/Location	Material	Inspected	Pipe Asset ID
No.			inspection		Material	Length	i ipe Assel IL
11	1A	Junction Pit	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	24.70	Line 1.2
I x 600	0 = 24.70 Sectio	on Length [m] (2	4.70 Inspect	ed Length)			
Section	US MH	DS MH	Date of	Address/Location	Material	Inspected	Pipe Asset ID
No.			inspection	Address/Eocation	Material	Length	
6	Pit 4	Junction Pit	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	10.00	Line 3.1
I x 650	0 = 10.00 Sectio	on Length [m] (1	0.00 Inspect	ed Length)			
			Detect		N ata vial		D's a A s a s (ID
Section No.	US MH	DS MH	Date of inspection	Address/Location	Material	Inspected Length	Pipe Asset II
7	Junction Pit	Pit 5	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	34.20	Line 3.2
I x 750	0 = 34.20 Sectio	on Length [m] (3	4.20 Inspect	ed Length)			
Section No.	US MH	DS MH	Date of inspection	Address/Location	Material	Inspected Length	Pipe Asset ID
8	Pit 5	Pit 6	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	11.50	Line 3.3
9	Pit 6	Pit 7	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	17.80	Line 3.4
10	Pit 7	Pit 8	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	19.00	Line 3.5
	0 = 48.40 Sectio	and an arth Incl. (A	0.00 Imamaat				
3 x 950		on Length [m] (4	8.30 inspect	ed Length)			

Tel. 0296491099



Section Summary

Project name 2018_09_06	P10J	ect number	Project date 6/09/2018
Number of sections		9	
Total length of sewer network		135	5.75 m
Inspected length of sewer netwo	rk	135	5.65 m
Not inspected length of sewer ne	etwork	0.0	0 m
Total abandoned inspections		0	
Number of section inspection photon	otos	39	
Number of section inspection vid	9		
Number of section inspection sca	0		
Number of section inclination me	easurements	6	
Pipe Asset ID Line 1 Town	US MH DS MH	Pit 1 Junction Pit	
Address/Location 91 - 93 McIntosh Street Narraween Inspected Length 6.7	a Dia/Height [mm] Material	300 Cement morta	,
[m] Code Observation Text	matorial	e entent merta	
	ananaa hala Nadanama, Dit 1		
	enance hole, Nodename:, Pit 1 cal drop, Nodename:, Unknown		
Pipe Asset ID Line 2	US MH	Pit 2	
Town	DS MH	Pit 3	
Address/Location 91 - 93 McIntosh Street Narraween	a Dia/Height [mm]	500	
Inspected Length 11.7	Material	Cement morta	r
[m] Code Observation Text			
1 🍿 🔘 0.00 STMH Start node, maint	enance hole, Nodename:, Pit 3		
2 7.50 JIZ Jointing material i	intrusion, Unknown, reduction in a	cross sectional area: 5	% at 3 o'clock
	d end, Nodename:, Pit 2		
Pipe Asset ID Line 2.1	US MH	Pit 3	
Town	DS MH	Pit 4	
Address/Location 91 - 93 McIntosh Street Narraween	a Dia/Height [mm]	500	
Inspected Length 0.1	Material	Cement morta	r
[m] Code Observation Text			
1 0.00 STMH Start node, maint	enance hole, Nodename:, Pit 3		
2 0.05 FHMS Finish node, mair	ntenance shaft, Nodename:, Unkr	nown	
Pipe Asset ID Line 3.1	US MH	Pit 4	
	DS MH	Junction Pit	
Town			
Address/Location 91 - 93 McIntosh Street Narraween	a Dia/Height [mm]	650	



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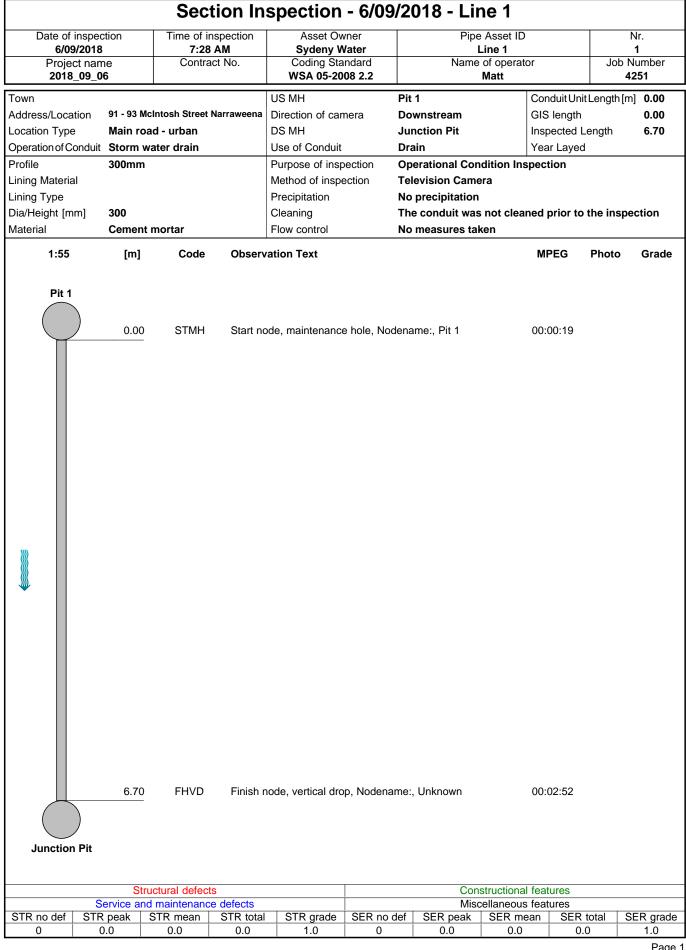
GF James Plumbing

		Droio	ct name	n Summary	roject number	Project date
			_09_06			6/09/2018
	[m]	Code	Observation Text			
1	0.00	STMH	Start node, maintenance	e hole, Nodename:, Pit 4	Ļ	
2 🐰	0.20	JDR	Displaced joint, radial di	splacement, radial displa	acement: 11-20mm at	4 o'clock
3	4.90	JDR	Displaced joint, radial di	splacement, radial displa	acement: 5-10mm at 3	o'clock
4	8.00	JDR		splacement, radial displa		
5	10.00	FHJ	Finish node, junction or	connection with another		Jnknown
Pipe Asset	ID L	ine 3.2		US MH	Junction Pit	
Town Address/Lo	ncation 9	1 - 93 Meinto	sh Street Narraweena	DS MH Dia/Height [mm]	Pit 5 750	
nspected L		4.2	Sil Olicet Narraweena	Material	Cement mor	tar
	[m]	Code	Observation Text			
1 🏦	0.00	STMH		e hole, Nodename:, Pit 5		
2	13.60	JDR				5 o'clock
m		JDR		splacement, radial displa		
3 4	16.10 18.80	JDR JDR		splacement, radial displa		
4 5	21.10	JIRN		ring visibly displaced/dama		
6	23.60	JDR	-	splacement, radial displa		
7	26.20	JIRN	Jointing material intrusion,	ring visibly displaced/dama	aged but not intruding into	conduitat7o'clock
8	31.00	GC	General comment			
9	32.20	JDR		splacement, radial displa		
10	34.20	FHJ ine 3.3	Finish node, junction or	connection with another	Pit 5	Junction Pit
		110 0.0				
Town			sh Street Narraweena	DS MH	Pit 6 950	
Town Address/Lo	ocation 9 [°]		sh Street Narraweena		Pit 6	tar
Town Address/Lo	ocation 9 [°]	1 - 93 McInto	sh Street Narraweena Observation Text	DS MH Dia/Height [mm]	Pit 6 950	tar
Town Address/Lo	ocation 9 [°] Length 1 [°]	1 - 93 McInto 1.5	Observation Text	DS MH Dia/Height [mm]	Pit 6 950 Cement mor	tar
Town Address/Lo nspected L	cation 9 [°] Length 1 [°] [m]	1 - 93 McInto 1.5 Code	Observation Text Start node, maintenance	DS MH Dia/Height [mm] Material	Pit 6 950 Cement mor	
Town Address/Lo nspected L	Decation 9 Length 11 [m] 0.00 5.20 5.20	1 - 93 McInto 1.5 Code STMH CNGO	Observation Text Start node, maintenance Connection, good workma	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 nship, connection appears	Pit 6 950 Cement mor tobe open, height: 100m	
Fown Address/Lo nspected L 1 2 3	Contion 9 Length 1 [m] 0.00 5.20 11.50	1 - 93 McInto 1.5 Code STMH	Observation Text Start node, maintenance Connection, good workma	DS MH Dia/Height [mm] Material	Pit 6 950 Cement mor tobe open, height: 100m	
2	Contion 9 Length 1 [m] 0.00 5.20 11.50	1 - 93 McInto 1.5 Code STMH CNGO FHMH	Observation Text Start node, maintenance Connection, good workma	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit	Pit 6 950 Cement mor to be open, height: 100m 6	
Fown Address/Lo nspected L 2 3 Pipe Asset Fown	Decation 9 Length 11 [m] 0.00 5.20 11.50 ID L	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4	Observation Text Start node, maintenance Connection, good workma	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH	Pit 6 950 Cement mor to be open, height: 100m 6 Pit 6	
Fown Address/Lo nspected L 1 2 3 Pipe Asset Fown Address/Lo	Decation 9' Length 1' [m] 0.00 5.20 11.50 ID Line Decation 9'	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH DS MH	Pit 6 950 Cement mor to be open, height: 100m 6 Pit 6 Pit 7	n, width: 100mm at 2
Fown Address/Lo nspected L 2 3 Pipe Asset Fown Address/Lo	Decation 9' Length 1' [m] 0.00 5.20 11.50 ID Line Decation 9'	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 nship, connection appears ce hole, Nodename:, Pit US MH DS MH DS MH Dia/Height [mm]	Pit 6 950 Cement mor to be open, height: 100m 6 Pit 6 Pit 7 950	n, width: 100mm at 2
Fown Address/Lo nspected L 2 3 Pipe Asset Fown Address/Lo	Decation 9 Length 1* [m] 0.00 5.20 11.50 ID Li Docation 9* Length 1*	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 nship, connection appears ce hole, Nodename:, Pit US MH DS MH DS MH Dia/Height [mm]	Pit 6 950 Cement mor to be open, height: 100m 6 Pit 6 Pit 7 950 Cement mor	n, width: 100mm at 2
Town Address/Lo Inspected L 2 3 Pipe Asset Town Address/Lo Inspected L	Decation 9' Length 1' [m] 0.00 5.20 11.50 ID Line Decation 9' Length 1'	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 nship, connection appears ce hole, Nodename:, Pit US MH DS MH Dia/Height [mm] Material	Pit 6 950 Cement mor to be open, height: 100m 6 Pit 6 Pit 7 950 Cement mor	n,width:100mmat2
Town Address/Lo Inspected L 2 3 Pipe Asset Town Address/Lo Inspected L	Decation 9 Length 1* [m] 0.00 5.20 11.50 ID Lingth Decation 9* Length 1* 0.00 5.20 11.50 Lingth 0.10 0.10	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code STMH	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 6	Pit 6 950 Cement mor to be open, height: 100m 6 Pit 6 Pit 7 950 Cement mor	n,width:100mmat2
Town Address/Lo Inspected L 2 3 Pipe Asset Town Address/Lo Inspected L 1 2	Decation 9 Length 11 [m] 0.00 5.20 11.50 ID Line bocation 9 Length 13 pocation 9 Length 13 [m] 0.10 5.50 17.90	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code STMH CNGO	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 6 inship, connection appears	Pit 6 950 Cement mor to be open, height: 100m 6 Pit 6 Pit 7 950 Cement mor	n,width:100mmat2
Town Address/Lo Inspected L 2 3 Pipe Asset Town Address/Lo Inspected L 1 2 3 Pipe Asset Town	Decation 9 Length 1* [m] 0.00 5.20 11.50 ID Lingth Decation 9* Decation 17 ID Lingth ID 17.90 ID Lingth	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code STMH CNGO FHMH CNGO FHMH ine 3.5	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma Finish node, maintenance	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH Dia/Height [mm] Material e hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit US MH DS MH	Pit 6 950 Cement mor 6 Pit 6 Pit 7 950 Cement mor 7 Pit 7 Pit 7 Pit 7 Pit 8	n,width:100mmat2
Town Address/Lo Inspected L 2 3 Pipe Asset Town Address/Lo 1 2 3 Pipe Asset Town Address/Lo	Decation 9 Length 11 [m] 0.00 5.20 11.50 ID Li ocation 9 Length 13 ocation 9 Length 13 [m] 0.10 5.50 17.90 ID Li ocation 9 .0.10 5.50 17.90 ID ID Li ocation 9	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code STMH CNGO FHMH ine 3.5 1 - 93 McInto	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH Dia/Height [mm] Material e hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit US MH DS MH DS MH DS MH DS MH Dia/Height [mm]	Pit 6 950 Cement more to be open, height: 100m 6 Pit 6 Pit 7 950 Cement more 7 Pit 7 Pit 8 950	n, width: 100mm at 2 tar n, width: 100mm at 2
Fown Address/Lo nspected L 2 3 Pipe Asset Fown Address/Lo 9 Pipe Asset Fown Address/Lo	Decation 9 Length 11 [m] 0.00 5.20 11.50 ID Li ocation 9 Length 13 ocation 9 Length 13 [m] 0.10 5.50 17.90 ID Li ocation 9 .0.10 5.50 17.90 ID ID Li ocation 9	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code STMH CNGO FHMH ine 3.5 1 - 93 McInto 9.0	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH Dia/Height [mm] Material e hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit US MH DS MH	Pit 6 950 Cement mor 6 Pit 6 Pit 7 950 Cement mor 7 Pit 7 Pit 7 Pit 7 Pit 8	n, width: 100mm at 2 tar n, width: 100mm at 2
Fown Address/Lo nspected L 2 3 Pipe Asset Fown Address/Lo 7 Pipe Asset Fown Address/Lo	Decation 9 Length 11 [m] 0.00 5.20 11.50 ID Li ocation 9 Length 13 ocation 9 Length 13 [m] 0.10 5.50 17.90 ID Li ocation 9 .0.10 5.50 17.90 ID ID Li ocation 9	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code STMH CNGO FHMH ine 3.5 1 - 93 McInto	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma Finish node, maintenance	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH Dia/Height [mm] Material e hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit US MH DS MH DS MH DS MH DS MH Dia/Height [mm]	Pit 6 950 Cement more to be open, height: 100m 6 Pit 6 Pit 7 950 Cement more 7 Pit 7 Pit 8 950	n, width: 100mm at 2 tar n, width: 100mm at 2
Fown Address/Lo nspected L 2 3 Pipe Asset Fown Address/Lo 7 Pipe Asset Fown Address/Lo	Decation 9 Length 11 [m] 0.00 5.20 11.50 ID Line bccation 9' Length 13' D 10' D 10' D 10' ID 17.90' ID Line pccation 9' Length 13' O 0.10' 5.50' 17.90' ID Line pccation 9' Length 14'	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code STMH CNGO FHMH ine 3.5 1 - 93 McInto 9.0	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH Dia/Height [mm] Material e hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit US MH DS MH DS MH DS MH DS MH Dia/Height [mm]	Pit 6 950 Cement more to be open, height: 100m 6 Pit 6 Pit 7 950 Cement more 7 Pit 7 Pit 8 950 Cement more	n, width: 100mm at 2 tar n, width: 100mm at 2
Town Address/Lo Inspected L 2 3 Pipe Asset Town Address/Lo Inspected L 3 Pipe Asset Town Address/Lo Inspected L	Decation 9 Length 11 [m] 0.00 5.20 11.50 ID Lingth 13 ocation 97 Length 13 (m] 0.10 5.50 17.90 ID Lingth ocation 97 Length 13 (m] 0.10 5.50 17.90 ID Lingth ocation 97 Length 19 Length 19	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code STMH CNGO FHMH ine 3.5 1 - 93 McInto 9.0 Code	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH Dia/Height [mm] Material e hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit US MH DS MH DS MH Dia/Height [mm] Material	Pit 6 950 Cement mor 6 Pit 6 Pit 7 950 Cement mor 7 Pit 7 Pit 7 Pit 8 950 Cement mor	n, width: 100mm at 2 tar n, width: 100mm at 2 tar
Fown Address/Lo nspected L 2 3 Pipe Asset Fown Address/Lo nspected L 3 Pipe Asset Fown Address/Lo nspected L	Decation 9 Length 11 [m] 0.00 5.20 11.50 ID Line bccation 9' Length 12' [m] 0.10 5.50 17.90 ID Line cocation 9' Length 12' [m] 0.10 5.50 17.90 ID Line pccation 9' Length 12' [m] 0.00	1 - 93 McInto 1.5 Code STMH CNGO FHMH ine 3.4 1 - 93 McInto 7.8 Code STMH CNGO FHMH ine 3.5 1 - 93 McInto 9.0 Code STMH	Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma Finish node, maintenance sh Street Narraweena Observation Text Start node, maintenance Connection, good workma	DS MH Dia/Height [mm] Material e hole, Nodename:, Pit 5 inship, connection appears ce hole, Nodename:, Pit US MH Dia/Height [mm] Material e hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit 6 inship, connection appears ce hole, Nodename:, Pit 7 US MH Dia/Height [mm] Material	Pit 6 950 Cement mor 6 Pit 6 Pit 7 950 Cement mor 7 Pit 7 Pit 8 950 Cement mor	n, width: 100mmat2 tar n, width: 100mmat2 tar

	NinC	` ``			GF James Plumbi				
	VinC	.an			Tel. 0296491				
Section Summary									
		ect name 3_09_06	Project number		Project date 6/09/2018				
e Asset ID wn dress/Location pected Length	Line 1.2 91 - 93 McInto 24.7	osh Street Narraweena	US MH DS MH Dia/Height [mm] Material	1A Junction Pit 600 Cement mort	ar				
[m] Code	Observation Text							
	0.00 STMH 14.70 FHJ	Start node, maintenanc Finish node, junction or	e hole, Nodename:, 1A connection with another c	onduit, Nodename:, J	lunction Pit				



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Job Number

4251

Tel. 0296491099

Section Pictures - 6/09/2018 - Line 1

Town	Address/Loc
	91 - 93 McIntos

ess/Location IcIntosh Street Date of inspection 6/09/2018

Pipe Asset ID Line 1



, 00:00:19, 0.00 Start node, maintenance hole, Nodename:, Pit 1



, 00:02:52, 6.70 Finish node, vertical drop, Nodename:, Unknown



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	ction	Time of in		Asset Ow	ner		e Asset ID			Nr.
6/09/2018		7:59		Sydeny W			Line 2			2
Project nan 2018_09_0		Contrac	ct No.	Coding Sta WSA 05-20		Name	me of operator			Number 251
own				US MH	Pit	2		Conduit Uni	t Lenath Im	n] 0.00
ddress/Location	91 - 93 Mc	Intosh Street N	Narraweena	Direction of car		stream		GIS length	0.	0.00
ocation Type	Main roa	d - urban		DS MH	Pit			Inspected L	ength	11.70
peration of Conduit	Storm wa	ater drain		Use of Conduit	Dra	in		Year Layec	-	
rofile	500mm			Purpose of insp		erational Con				
ining Material				Method of inspe		evision Came				
ining Type				Precipitation		precipitation				
ia/Height [mm]	500			Cleaning		e conduit was		ed prior to	the inspe	ection
laterial	Cement r	nortar		Flow control		measures tal			the mop	
			<u>.</u>			incastres ta	Ken		D I (
1:96	[m]	Code	Observ	ation Text				MPEG	Photo	Grade
Pit 3										
	7.50	JIZ	Jointing sectiona	material intrusio al area: 5% at 3 d	n, Unknown, r	eduction in cro	DSS	00:03:16		1
Pit 2	11.70	FHDE	Finish r	ode, dead end, I	Nodename:, Pi	t 2		00:05:05		
Pit 2				ode, dead end, I	Nodename:, Pi					
S	Stru	FHDE ctural defects maintenance	6	ode, dead end, I	Nodename:, Pi	Con	structional	features		



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Job Number

4251

Tel. 0296491099

Section Pictures - 6/09/2018 - Line 2

Town	Address/Location	
	91 - 93 McIntosh Street	

Date of inspection 6/09/2018

500mm Ce



, 00:03:16, 7.50

Jointing material intrusion, Unknown, reduction in cross sectional area: 5% at 3 o'clock



00:05:05, 11.70 Finish node, dead end, Nodename:, Pit 2



, 00:05:05, 11.70 Finish node, dead end, Nodename:, Pit 2



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Tel. 0296491099

Section Inspection - 6/09/2018 - Line 2.1

Date of inspect 6/09/2018	3	Time of in 8:17	ÂM	Asset Owr Sydeny Wa	ater	Ĺi	Asset ID ne 2.1			lr. 3
Project nan 2018_09_0		Contra	ct No.	Coding Stan WSA 05-200			of operato Matt	r	Job N 42	umber 51
own ddress/Location ocation Type)peration of Conduit	Main roa	cintosh Street I ad - urban rater drain	Narraweena	US MH Direction of cam DS MH Use of Conduit	Pit era Do Pit Dra	wnstream 4		Conduit Un GIS length Inspected Year Layee	Length	0.00 0.00 0.05
Profile ining Material ining Type Dia/Height [mm] faterial	500mm 500 Cement	mortar		Purpose of inspect Method of inspect Precipitation Cleaning Flow control	ction Tel No The	erational Con levision Came precipitation e conduit was measures tak	ra not clean		o the inspec	ction
1:50	[m]	Code	Observ	ation Text				MPEG	Photo	Grad
Pit 3	0.00	STMH	Start no	ode, maintenance	hole, Nodena	ame:, Pit 3		00:00:00		
Pit 4	0.05	FHMS	Finish r	node, maintenance	e shaft, Node	name:, Unknov	vn	00:01:09		
X										
	Stru	uctural defects	S			Cons	structional	features		
	Service and	uctural defects I maintenance STR mean		STR grade	SER no def		structional ellaneous SER me	features	total SE	R grad



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Tel. 0296491099

Section Pictures - 6/09/2018 - Line 2.1

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	6/09/2018	Line 2.1	4251



, 00:00:00, 0.00 Start node, maintenance hole, Nodename:, Pit 3



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	tion	Time of in	spection	Asset Owne		18 - Line	Asset ID			Nr.
6/09/2018		9:23		Sydeny Wat		•	ne 3.1			6
Project nam 2018_09_0		Contrac	xt No.	Coding Stand WSA 05-2008			ne of operator Matt			Number 1 251
own ddress/Location		Intosh Street N	larraweena	US MH Direction of came		wnstream		Conduit Un GIS length		0.00
//		ad - urban DS MH		-		nction Pit		Inspected	-	10.00
Operation of Conduit		ater drain		Use of Conduit	Dra			Year Laye	d	
Profile .ining Material .ining Type Dia/Height [mm]	650mm 650			Purpose of inspect Method of inspect Precipitation Cleaning	tion Tel No	erational Con evision Came precipitation e conduit was	ra		o the insp	ection
/laterial	Cement I	nortar		Flow control	No	measures tak	en			
1:82	[m]	Code	Observ	ation Text				MPEG	Photo	Grade
Pit 4	0.00	STMH	Start no	de, maintenance h	nole, Nodena	me:, Pit 4		00:00:06		
	0.20	JDR		ed joint, radial disp m at 4 o'clock	lacement, ra	dial displacem	ent:	00:00:50		2
	4.90	JDR		ed joint, radial disp a at 3 o'clock	lacement, ra	dial displacem	ent:	00:01:53		1
	4.90	JDR JDR	5-10mm Displace					00:01:53 00:02:54		1
Junction Pit			5-10mm Displace 5-10mm	at 3 o'clock	lacement, ra	dial displacem	ent:			1
Junction Pit	8.00	JDR	5-10mm Displace 5-10mm Finish n Nodena	a at 3 o'clock ad joint, radial disp at 4 o'clock ode, junction or co	lacement, ra	idial displacem	ent:	00:02:54		1
S	8.00 10.00 Stru ervice and	JDR FHJ	5-10mm Displace 5-10mm Finish n Nodena	ed joint, radial disp at 4 o'clock ode, junction or co me:, Unknown	lacement, ra	dial displacem	ent: luit,	00:02:54 00:04:06 features features	total	1 1 SER gra



GF James Plumbing

Tel. 0296491099

Section Pictures - 6/09/2018 - Line 3.1

Town

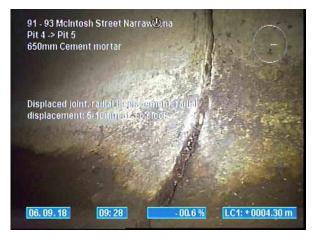
Address/Location 91 - 93 McIntosh Street Date of inspection 6/09/2018

Pipe Asset ID Line 3.1

Job Number 4251



, 00:00:06, 0.00 Start node, maintenance hole, Nodename:, Pit 4



, 00:01:53, 4.90 Displaced joint, radial displacement, radial displacement: 5-10mm at 3 o'clock



, 00:02:54, 8.00 Displaced joint, radial displacement, radial displacement: 5-10mm at 4 o'clock



, 00:04:06, 10.00 Finish node, junction or connection with another conduit, Nodename:, Unknown



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	of inspection 6/09/2018	Time of ir 9:59		Asset Owne			Asset ID ne 3.2			Nr. 7
	oject name	Contra		Sydeny Wat Coding Stand			of operato	or	Job	/ Number
	018_09_06			WSA 05-2008		Matt				4251
own ddress/Lo .ocation T	oodion	AcIntosh Street bad - urban water drain	Narraweena	US MH Direction of came DS MH Use of Conduit				Conduit U GIS length Inspected Year Laye	Length	n] 0.00 0.00 34.20
Profile ining Mat ining Typ Dia/Height Material	750mn erial e : [mm] 750			Purpose of inspect Method of inspect Precipitation Cleaning Flow control	ction Op tion Tel No The	erational Con evision Came precipitation e conduit was measures tak	ra not clear	pection		ection
1:2	281 [m]	Code	Observ	ation Text				MPEG	Photo	Grade
P	0.00) STMH	Start no	de, maintenance h	nole, Nodena	ıme:, Pit 5		00:00:14		
ĵ) ĵ	13.60	-	11-20m Displace	ed joint, radial disp m at 5 o'clock ed joint, radial disp				00:04:47		2
) JDR	11-20m Displace 5-10mm Displace	m at 5 o'clock	blacement, ra	adial displacem	ent:			
)	16.10) JDR	11-20m Displace 5-10mm Displace >20mm Jointing	m at 5 o'clock ed joint, radial disp a at 6 o'clock ed joint, radial disp	blacement, ra blacement, ra , ring visibly (adial displacem adial displacem	ient: ient:	00:06:23		1
)	16.10) JDR) JDR) JIRN	11-20m Displace 5-10mm Displace >20mm Jointing not intru Displace	m at 5 o'clock ed joint, radial disp at 6 o'clock ed joint, radial disp at 5 o'clock material intrusion,	blacement, ra blacement, ra , ring visibly o at 4 o'clock	adial displacem adial displacem displaced/dam	ent: ent: aged but	00:06:23		1 3
	16.10 18.80 21.10) JDR) JDR) JIRN) JDR	11-20m Displace 5-10mm Displace >20mm Jointing not intru Displace 5-10mm	m at 5 o'clock ed joint, radial disp at 6 o'clock ed joint, radial disp at 5 o'clock material intrusion, iding into conduit a ed joint, radial disp	blacement, ra blacement, ra , ring visibly (at 4 o'clock blacement, ra , ring visibly (adial displacem adial displacem displaced/dam adial displacem	ent: aged but ent:	00:06:23 00:07:20 00:08:23 00:09:27		1 3 3
	16.10 18.80 21.10 23.60) JDR) JDR) JIRN) JDR) JDR	11-20m Displace 5-10mm Displace >20mm Jointing not intru Displace 5-10mm Jointing not intru	m at 5 o'clock ed joint, radial disp at 6 o'clock ed joint, radial disp at 5 o'clock material intrusion, iding into conduit a ed joint, radial disp at 6 o'clock material intrusion,	blacement, ra blacement, ra , ring visibly (at 4 o'clock blacement, ra , ring visibly (at 7 o'clock	adial displacem adial displacem displaced/dam adial displacem	ent: aged but ent:	00:06:23 00:07:20 00:08:23 00:09:27		1 3 3 1
	16.10 18.80 21.10 23.60 26.20 31.00 32.20	JDR JDR JDR JIRN JDR JIRN GC JDR	11-20m Displace 5-10mm Displace >20mm Jointing not intru Displace 5-10mm Jointing not intru General Displace 11-20m	m at 5 o'clock ad joint, radial disp at 6 o'clock ad joint, radial disp at 5 o'clock material intrusion, iding into conduit a ad joint, radial disp at 6 o'clock material intrusion, iding into conduit a comment / 45 ber ad joint, radial disp m at 5 o'clock	blacement, ra blacement, ra , ring visibly o at 4 o'clock blacement, ra , ring visibly o at 7 o'clock nd blacement, ra	adial displacem adial displacem displaced/dam adial displacem displaced/dam	ent: aged but ent: aged but	00:06:23 00:07:20 00:08:23 00:09:27 00:10:09 00:11:24 00:12:07		1 3 3 1
	16.10 18.80 21.10 23.60 26.20 31.00 32.20 34.20 tion Pit	JDR JDR JIRN JDR JDR JIRN GC JDR FHJ	11-20m Displace 5-10mm Displace >20mm Jointing not intru Displace 5-10mm Jointing not intru General Displace 11-20m Finish n Nodena	m at 5 o'clock ad joint, radial disp at 6 o'clock ad joint, radial disp at 5 o'clock material intrusion, iding into conduit a ad joint, radial disp at 6 o'clock material intrusion, iding into conduit a comment / 45 ber ad joint, radial disp	blacement, ra blacement, ra , ring visibly o at 4 o'clock blacement, ra , ring visibly o at 7 o'clock nd blacement, ra	adial displacem adial displacem displaced/dam adial displacem displaced/dam adial displacem h another conc	ent: aged but ent: aged but ent: duit,	00:06:23 00:07:20 00:08:23 00:09:27 00:10:09 00:11:24 00:12:07 00:13:03		1 3 1 3
	16.10 18.80 21.10 23.60 26.20 31.00 32.20 34.20 tion Pit	JDR JDR JDR JIRN JDR JIRN GC JDR FHJ	11-20m Displace 5-10mm Displace >20mm Jointing not intru Displace 5-10mm Jointing not intru General Displace 11-20m Finish n Nodena	m at 5 o'clock ad joint, radial disp at 6 o'clock ad joint, radial disp at 5 o'clock material intrusion, iding into conduit a ad joint, radial disp at 6 o'clock material intrusion, iding into conduit a comment / 45 ber ad joint, radial disp m at 5 o'clock ode, junction or co	blacement, ra blacement, ra , ring visibly o at 4 o'clock blacement, ra , ring visibly o at 7 o'clock nd blacement, ra	adial displacem adial displacem displaced/dam adial displacem displaced/dam adial displacem h another conce	ent: aged but ent: aged but ent: duit,	00:06:23 00:07:20 00:08:23 00:09:27 00:10:09 00:11:24 00:12:07 00:13:03		1 3 1 3
	16.10 18.80 21.10 23.60 26.20 31.00 32.20 34.20 tion Pit	JDR JDR JIRN JDR JDR JIRN GC JDR FHJ	11-20m Displace 5-10mm Displace >20mm Jointing not intru Displace 5-10mm Jointing not intru General Displace 11-20m Finish n Nodena	m at 5 o'clock ed joint, radial disp at 6 o'clock ed joint, radial disp at 5 o'clock material intrusion, iding into conduit a ed joint, radial disp at 6 o'clock material intrusion, iding into conduit a comment / 45 ber ed joint, radial disp m at 5 o'clock ode, junction or co me:, Junction Pit	blacement, ra blacement, ra , ring visibly o at 4 o'clock blacement, ra , ring visibly o at 7 o'clock nd blacement, ra	adial displacem adial displacem displaced/dam adial displacem displaced/dam adial displacem h another conce	ent: aged but ent: aged but ent: duit,	00:06:23 00:07:20 00:08:23 00:09:27 00:10:09 00:11:24 00:12:07 00:13:03 features features	R total	1 3 1 3



GF James Plumbing

Job Number

4251

Tel. 0296491099

Section Pictures - 6/09/2018 - Line 3.2

Town	Address/Location	Date of inspection
	91 - 93 McIntosh Street	6/09/2018



, 00:00:14, 0.00 Start node, maintenance hole, Nodename:, Pit 5



Pipe Asset ID

Line 3.2

, 00:04:47, 13.60 Displaced joint, radial displacement, radial displacement: 11-20mm at 5 o'clock



, 00:04:47, 13.60 Displaced joint, radial displacement, radial displacement: 11-20mm at 5 o'clock



, 00:06:23, 16.10 Displaced joint, radial displacement, radial displacement: 5-10mm at 6 o'clock



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Tel. 0296491099

Section Pictures - 6/09/2018 - Line 3.2

TOWIT	91 - 93 McIntosh Street	6/09/2018	
Town	Address/Location	Date of inspection	

Pipe Asset ID Line 3.2

Jol

Job Number 4251



, 00:07:20, 18.80

Displaced joint, radial displacement, radial displacement: >20mm at 5 o'clock



, 00:08:23, 21.10

Jointing material intrusion, ring visibly displaced/damaged but not intruding into conduit at 4 o'clock



, 00:09:27, 23.60

Displaced joint, radial displacement, radial displacement: 5-10mm at 6 o'clock



, 00:10:09, 26.20

Jointing material intrusion, ring visibly displaced/damaged but not intruding into conduit at 7 o'clock



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Job Number 4251

Tel. 0296491099

Section Pictures - 6/09/2018 - Line 3.2

	91 - 93 McIntosh Street	6/09/2018	Line 3.2	
Town	Address/Location	Date of inspection	Pipe Asset ID	



, 00:11:24, 31.00 General comment / 45 bend



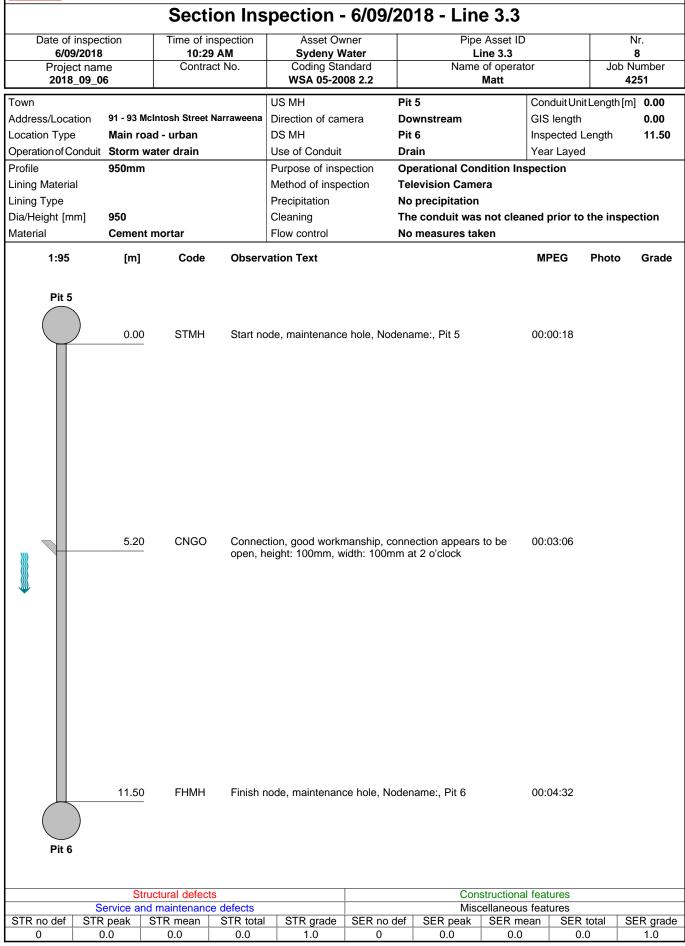
, 00:12:07, 32.20 Displaced joint, radial displacement, radial displacement: 11-20mm at 5 o'clock



, 00:13:03, 34.20 Finish node, junction or connection with another conduit, Nodename:, Junction Pit



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Tel. 0296491099

Section Pictures - 6/09/2018 - Line 3.3

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	6/09/2018	Line 3.3	4251



, 00:00:18, 0.00 Start node, maintenance hole, Nodename:, Pit 5



, 00:00:18, 0.00 Start node, maintenance hole, Nodename:, Pit 5



, 00:03:06, 5.20

Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 2 o'clock



, 00:04:32, 11.50 Finish node, maintenance hole, Nodename:, Pit 6



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Section Pictures - 6/09/2018 - Line 3.3

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	6/09/2018	Line 3.3	4251



, 00:04:32, 11.50 Finish node, maintenance hole, Nodename:, Pit 6



V WinCan

GF James Plumbing

Date of inspec 6/09/2018 Project nam 2018_09_0	ne	Time of ins 10:39 Contrac	ÂM	Asset Ow Sydeny W Coding Sta WSA 05-20	/ater ndard	Ĺ	e Asset ID ine 3.4 of operato Matt	or	Job 1	Nr. 9 Number 251
Town Address/Location Location Type Operation of Conduit Profile Lining Material Lining Type Dia/Height [mm] Material	Main road	iter drain	arraweena	US MH Direction of can DS MH Use of Conduit Purpose of inspe Method of inspe Precipitation Cleaning Flow control	Pi nera Do Pi ection Op ection Te No Th	t 6 ownstream t 7 rain perational Con elevision Came o precipitation ne conduit was o measures tal	dition Ins era s not clean		Length	0.00 17.80
1:147	[m]	Code	Observ	vation Text			Non	MPEG	Photo	Grade
Pit 6	0.10	STMH	Start no	ode, maintenance	e hole, Noden	ame:, Pit 6		00:00:00		
	5.50	CNGO		tion, good workn eight: 100mm, w			to be	00:05:04		
Pit 7	17.90	FHMH	Finish r	node, maintenand	ce hole, Node	name:, Pit 7		00:05:04		
	ervice and	ctural defects maintenance			0.55	Miso	structional cellaneous	features		
	peak S	TR mean 0.0	STR total 0.0	STR grade 1.0	SER no def 0	SER peak 0.0	SER me 0.0		total S .0	ER grad 1.0



GF James Plumbing

Job Number

4251

Tel. 0296491099

Section Pictures - 6/09/2018 - Line 3.4

Town	Address/Location	Date of inspection	
	91 - 93 McIntosh Street	6/09/2018	



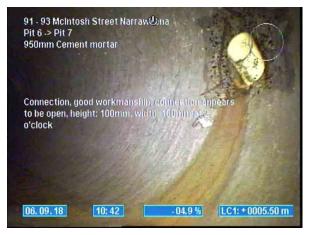
, 00:00:00, 0.10 Start node, maintenance hole, Nodename:, Pit 6



, 00:00:00, 0.10 Start node, maintenance hole, Nodename:, Pit 6

Pipe Asset ID

Line 3.4



, 00:05:04, 5.50

Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 2 o'clock



, 00:05:04, 17.90 Finish node, maintenance hole, Nodename:, Pit 7

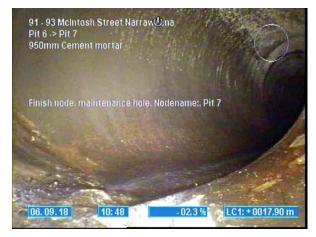


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Tel. 0296491099

Section Pictures - 6/09/2018 - Line 3.4

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	6/09/2018	Line 3.4	4251



, 00:05:04, 17.90 Finish node, maintenance hole, Nodename:, Pit 7



🔽 WinCan

GF James Plumbing

Tel. 0296491099

Date of insp	ection	Time of inspe	ction	Asset Ow	ner	Pipe	Asset ID			Nr.
6/09/20		10:53 AN		Sydeny W	ater	Ĺi	ine 3.5			10
Project n		Contract N	o.	Coding Star WSA 05-200			of operato	r		Number
2018_09	_06						Matt			4251
Town				US MH	Pit			ConduitUn		
Address/Location		cIntosh Street Narra		Direction of cam		wnstream		GIS length		0.00
ocation Type		ad - urban		DS MH	Pit			Inspected	-	19.00
Operation of Cond		ater drain		Use of Conduit	Dra			Year Laye	d	
Profile	950mm			Purpose of inspe	-	erational Con	-	pection		
ining Material				Method of inspe		evision Came	ra			
ining Type	950			Precipitation		precipitation	not cloop	od prior to	a tha inan	oction
Dia/Height [mm] /laterial	Cement	mortar		Cleaning Flow control		e conduit was measures tak		led prior to	o the insp	ection
	Cement				NO	inedSures lar	len			
1:156	[m]	Code	Observa	tion Text				MPEG	Photo	Grade
Pit 7	0.00	STMH	_	de, maintenance				00:00:10		
	17.00		open, he	ion, good workm ight: 100mm, wi	idth: 100mm a	t 2 o'clock		00:03:03		
	17.00 18.30	CNGO	open, he Connecti	ion, good workm ight: 100mm, wi ion, good workm ight: 100mm, wi	idth: 100mm a nanship, conne	t 2 o'clock	to be	00:03:03 00:03:40		
Pit 8		CNGO	open, he Connecti open, he	ight: 100mm, wi	idth: 100mm a nanship, conne idth: 100mm a	t 2 o'clock ection appears t 3 o'clock / W	to be ater Leak			
Pit 8	18.30 19.00	CNGO	open, he Connecti open, he	ight: 100mm, wi ion, good workm ight: 100mm, wi	idth: 100mm a nanship, conne idth: 100mm a	t 2 o'clock ection appears t 3 o'clock / W name:, Pit 8	to be ater Leak	00:03:40 00:04:20		
	18.30 19.00 Service and	CNGO FHMH uctural defects	open, he Connecti open, he Finish no	ight: 100mm, wi ion, good workm ight: 100mm, wi	idth: 100mm a nanship, conne idth: 100mm a	t 2 o'clock ection appears t 3 o'clock / W name:, Pit 8 Cons	to be ater Leak	00:03:40 00:04:20 features features	total S	SER grad



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Section Pictures - 6/09/2018 - Line 3.5

Town

Address/Location 91 - 93 McIntosh Street

Date of inspection 6/09/2018

Pipe Asset ID Line 3.5

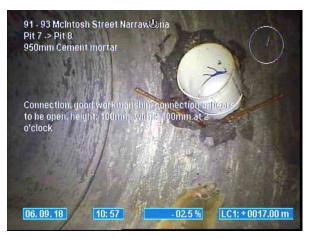
Job Number 4251



, 00:00:10, 0.00 Start node, maintenance hole, Nodename:, Pit 7

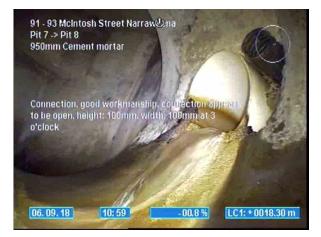


, 00:00:10, 0.00 Start node, maintenance hole, Nodename:, Pit 7



, 00:03:03, 17.00

Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 2 o'clock



, 00:03:40, 18.30 Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 3 o'clock / Water Leak



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Tel. 0296491099

Section Pictures - 6/09/2018 - Line 3.5

Town

Address/Location 91 - 93 McIntosh Street

Date of inspection 6/09/2018

Pipe Asset ID Line 3.5

Job Number 4251



, 00:04:20, 19.00

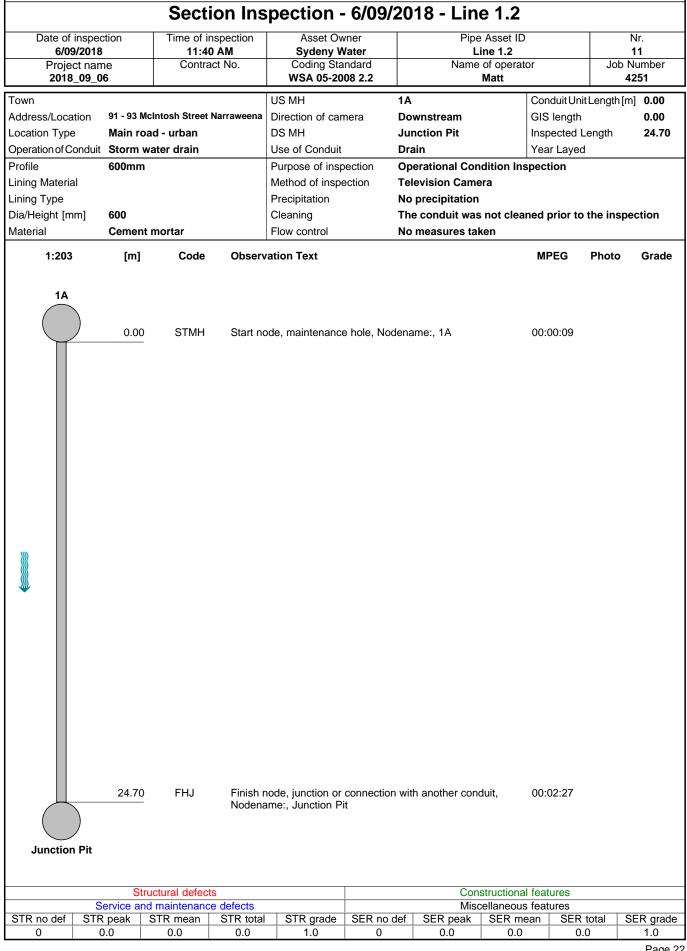
Finish node, maintenance hole, Nodename:, Pit 8



, 00:04:20, 19.00 Finish node, maintenance hole, Nodename:, Pit 8



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4251

Tel. 0296491099

Section Pictures - 6/09/2018 - Line 1.2

Town	

06.09.18

11:42

, 00:00:09, 0.00 Start node, maintenance hole, Nodename:, 1A

Address/Location 91 - 93 McIntosh Street Date of inspection 6/09/2018

Pipe Asset ID Line 1.2

Job Number

91 - 93 McIntosh Street Narraw@ma 14 -> Junction Pit 600mm Cement mortar maintenance hole, Nodename:, 1A

09.8 %

LC1: + 0000.00 m



00:02:27, 24.70 Finish node, junction or connection with another conduit, Nodename:, Junction Pit