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GF James Plumbing

Tel. 0296491099

Section Profile

Project name	Project number	Project date
2018_09_06		**6/09/2018**

Sectio 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 = 6.70 Section Length [m] (6.70 Inspected Length)

Sectio 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 = 11.75 Section Length [m] (11.75 Inspected Length)

Sectio No.	US MH	DS MH	Date of inspection	Address/Location	Material	Inspected Length	Pipe Asset ID
11	1A	Junction Pit	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	24.70	Line 1.2

1 x 600 = 24.70 Section Length [m] (24.70 Inspected Length)

Sectio No.	US MH	DS MH	Date of inspection	Address/Location	Material	Inspected Length	Pipe Asset ID
6	Pit 4	Junction Pit	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	10.00	Line 3.1

1 x 650 = 10.00 Section Length [m] (10.00 Inspected Length)

Sectio No.	US MH	DS MH	Date of inspection	Address/Location	Material	Inspected Length	Pipe Asset ID
7	Junction Pit	Pit 5	6/09/2018	91 - 93 McIntosh Street Narraweena	Cement mortar	34.20	Line 3.2

1 x 750 = 34.20 Section Length [m] (34.20 Inspected Length)

Sectio 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

3 x 950 = 48.40 Section Length [m] (48.30 Inspected Length)

Total: 9 = 135.75 Section Length [m] (135.65 Inspected Length)

Section Summary

Project name	Project number	Project date
2018_09_06		**6/09/2018**

Number of sections	9
Total length of sewer network	135.75 m
Inspected length of sewer network	135.65 m
Not inspected length of sewer network	0.00 m
Total abandoned inspections	0
Number of section inspection photos	39
Number of section inspection videos	9
Number of section inspection scans	0
Number of section inclination measurements	6

Pipe Asset ID	**Line 1**	US MH	**Pit 1**
Town		DS MH	**Junction Pit**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Dia/Height [mm]	**300**
Inspected Length	**6.7**	Material	**Cement mortar**

	[m]	Code	Observation Text
1	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 1
2	6.70	FHVD	Finish node, vertical drop, Nodename:, Unknown

Pipe Asset ID	**Line 2**	US MH	**Pit 2**
Town		DS MH	**Pit 3**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Dia/Height [mm]	**500**
Inspected Length	**11.7**	Material	**Cement mortar**

	[m]	Code	Observation Text
1	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 3
2	7.50	JIZ	Jointing material intrusion, Unknown, reduction in cross sectional area: 5% at 3 o'clock
3	11.70	FHDE	Finish node, dead 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 Narraweena**	Dia/Height [mm]	**500**
Inspected Length	**0.1**	Material	**Cement mortar**

	[m]	Code	Observation Text
1	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 3
2	0.05	FHMS	Finish node, maintenance shaft, Nodename:, Unknown

Pipe Asset ID	**Line 3.1**	US MH	**Pit 4**
Town		DS MH	**Junction Pit**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Dia/Height [mm]	**650**
Inspected Length	**10.0**	Material	**Cement mortar**

Section Summary

Project name	Project number	Project date
2018_09_06		**6/09/2018**

	[m]	Code	Observation Text
1	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 4
2	0.20	JDR	Displaced joint, radial displacement, radial displacement: 11-20mm at 4 o'clock
3	4.90	JDR	Displaced joint, radial displacement, radial displacement: 5-10mm at 3 o'clock
4	8.00	JDR	Displaced joint, radial displacement, radial displacement: 5-10mm at 4 o'clock
5	10.00	FHJ	Finish node, junction or connection with another conduit, Nodename:, Unknown

Pipe Asset ID	**Line 3.2**	US MH	**Junction Pit**
Town		DS MH	**Pit 5**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Dia/Height [mm]	**750**
Inspected Length	**34.2**	Material	**Cement mortar**

	[m]	Code	Observation Text
1	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 5
2	13.60	JDR	Displaced joint, radial displacement, radial displacement: 11-20mm at 5 o'clock
3	16.10	JDR	Displaced joint, radial displacement, radial displacement: 5-10mm at 6 o'clock
4	18.80	JDR	Displaced joint, radial displacement, radial displacement: >20mm at 5 o'clock
5	21.10	JIRN	Jointing material intrusion, ring visibly displaced/damaged but not intruding into conduit at 4 o'clock
6	23.60	JDR	Displaced joint, radial displacement, radial displacement: 5-10mm at 6 o'clock
7	26.20	JIRN	Jointing material intrusion, ring visibly displaced/damaged but not intruding into conduit at 7 o'clock
8	31.00	GC	General comment
9	32.20	JDR	Displaced joint, radial displacement, radial displacement: 11-20mm at 5 o'clock
10	34.20	FHJ	Finish node, junction or connection with another conduit, Nodename:, Junction Pit

Pipe Asset ID	**Line 3.3**	US MH	**Pit 5**
Town		DS MH	**Pit 6**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Dia/Height [mm]	**950**
Inspected Length	**11.5**	Material	**Cement mortar**

	[m]	Code	Observation Text
1	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 5
2	5.20	CNGO	Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 2
3	11.50	FHMH	Finish node, maintenance hole, Nodename:, Pit 6

Pipe Asset ID	**Line 3.4**	US MH	**Pit 6**
Town		DS MH	**Pit 7**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Dia/Height [mm]	**950**
Inspected Length	**17.8**	Material	**Cement mortar**

	[m]	Code	Observation Text
1	0.10	STMH	Start node, maintenance hole, Nodename:, Pit 6
2	5.50	CNGO	Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 2
3	17.90	FHMH	Finish node, maintenance hole, Nodename:, Pit 7

Pipe Asset ID	**Line 3.5**	US MH	**Pit 7**
Town		DS MH	**Pit 8**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Dia/Height [mm]	**950**
Inspected Length	**19.0**	Material	**Cement mortar**

	[m]	Code	Observation Text
1	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 7
2	17.00	CNGO	Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 2
3	18.30	CNGO	Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 3
4	19.00	FHMH	Finish node, maintenance hole, Nodename:, Pit 8

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Section Summary

Project name	Project number	Project date
2018_09_06		**6/09/2018**

Pipe Asset ID	**Line 1.2**	US MH	**1A**
Town		DS MH	**Junction Pit**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Dia/Height [mm]	**600**
Inspected Length	**24.7**	Material	**Cement mortar**

	[m]	Code	Observation Text
1	0.00	STMH	Start node, maintenance hole, Nodename:, 1A
2	24.70	FHJ	Finish node, junction or connection with another conduit, Nodename:, Junction Pit

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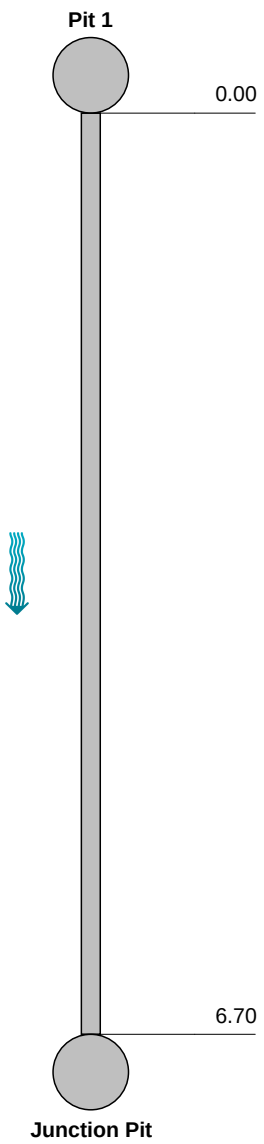
Section Inspection - 6/09/2018 - Line 1

Date of inspection	Time of inspection	Asset Owner	Pipe Asset ID	Nr.
6/09/2018	**7:28 AM**	**Sydeny Water**	**Line 1**	**1**
Project name	Contract No.	Coding Standard	Name of operator	Job Number
2018_09_06		**WSA 05-2008 2.2**	**Matt**	**4251**

Town		US MH	**Pit 1**	Conduit Unit Length [m]	**0.00**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Direction of camera	**Downstream**	GIS length	**0.00**
Location Type	**Main road - urban**	DS MH	**Junction Pit**	Inspected Length	**6.70**
Operation of Conduit	**Storm water drain**	Use of Conduit	**Drain**	Year Layed	

Profile	**300mm**	Purpose of inspection	**Operational Condition Inspection**
Lining Material		Method of inspection	**Television Camera**
Lining Type		Precipitation	**No precipitation**
Dia/Height [mm]	**300**	Cleaning	**The conduit was not cleaned prior to the inspection**
Material	**Cement mortar**	Flow control	**No measures taken**



1:55	[m]	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 1	00:00:19		
	6.70	FHVD	Finish node, vertical drop, Nodename:, Unknown	00:02:52		

Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
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	0	0.0	0.0	0.0	1.0

Section Pictures - 6/09/2018 - Line 1

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	**6/09/2018**	**Line 1**	**4251**

, 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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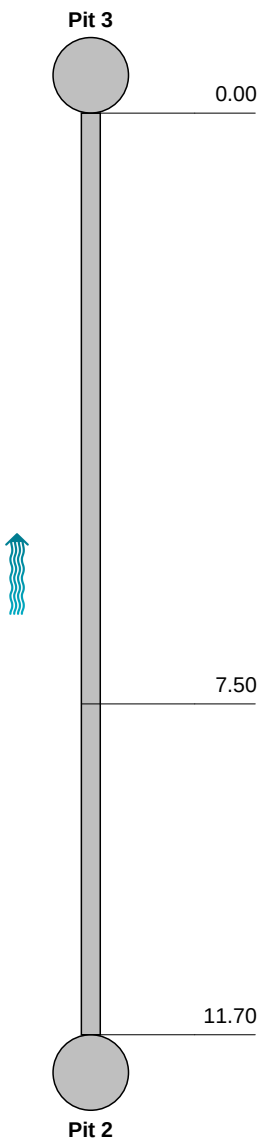
Section Inspection - 6/09/2018 - Line 2

Date of inspection	Time of inspection	Asset Owner	Pipe Asset ID	Nr.
6/09/2018	**7:59 AM**	**Sydeny Water**	**Line 2**	**2**
Project name	Contract No.	Coding Standard	Name of operator	Job Number
2018_09_06		**WSA 05-2008 2.2**	**Matt**	**4251**

Town		US MH	**Pit 2**	Conduit Unit Length [m]	**0.00**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Direction of camera	**Upstream**	GIS length	**0.00**
Location Type	**Main road - urban**	DS MH	**Pit 3**	Inspected Length	**11.70**
Operation of Conduit	**Storm water drain**	Use of Conduit	**Drain**	Year Layed	

Profile	**500mm**	Purpose of inspection	**Operational Condition Inspection**
Lining Material		Method of inspection	**Television Camera**
Lining Type		Precipitation	**No precipitation**
Dia/Height [mm]	**500**	Cleaning	**The conduit was not cleaned prior to the inspection**
Material	**Cement mortar**	Flow control	**No measures taken**



1:96	[m]	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 3	00:00:25		
	7.50	JIZ	Jointing material intrusion, Unknown, reduction in cross sectional area: 5% at 3 o'clock	00:03:16		1
	11.70	FHDE	Finish node, dead end, Nodename:, Pit 2	00:05:05		

Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
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	1	1.0	0.1	1.0	1.0

Section Pictures - 6/09/2018 - Line 2

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	**6/09/2018**	**Line 2**	**4251**

, 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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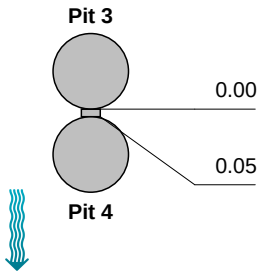
Section Inspection - 6/09/2018 - Line 2.1

Date of inspection	Time of inspection	Asset Owner	Pipe Asset ID	Nr.
6/09/2018	**8:17 AM**	**Sydeny Water**	**Line 2.1**	**3**
Project name	Contract No.	Coding Standard	Name of operator	Job Number
2018_09_06		**WSA 05-2008 2.2**	**Matt**	**4251**

Town		US MH	**Pit 3**	Conduit Unit Length [m]	**0.00**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Direction of camera	**Downstream**	GIS length	**0.00**
Location Type	**Main road - urban**	DS MH	**Pit 4**	Inspected Length	**0.05**
Operation of Conduit	**Storm water drain**	Use of Conduit	**Drain**	Year Layed	

Profile	**500mm**	Purpose of inspection	**Operational Condition Inspection**
Lining Material		Method of inspection	**Television Camera**
Lining Type		Precipitation	**No precipitation**
Dia/Height [mm]	**500**	Cleaning	**The conduit was not cleaned prior to the inspection**
Material	**Cement mortar**	Flow control	**No measures taken**



1:50	[m]	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 3	00:00:00		
	0.05	FHMS	Finish node, maintenance shaft, Nodename:, Unknown	00:01:09		

Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
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	0	0.0	0.0	0.0	1.0

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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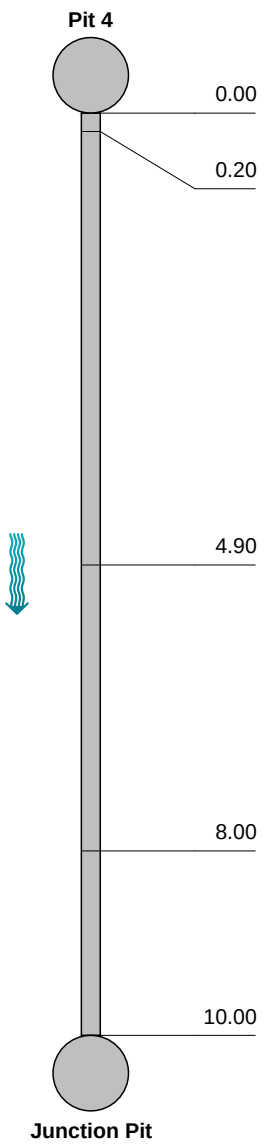
Section Inspection - 6/09/2018 - Line 3.1

Date of inspection	Time of inspection	Asset Owner	Pipe Asset ID	Nr.
6/09/2018	**9:23 AM**	**Sydeny Water**	**Line 3.1**	**6**
Project name	Contract No.	Coding Standard	Name of operator	Job Number
2018_09_06		**WSA 05-2008 2.2**	**Matt**	**4251**

Town		US MH	**Pit 4**	Conduit Unit Length [m]	**0.00**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Direction of camera	**Downstream**	GIS length	**0.00**
Location Type	**Main road - urban**	DS MH	**Junction Pit**	Inspected Length	**10.00**
Operation of Conduit	**Storm water drain**	Use of Conduit	**Drain**	Year Layed	

Profile	**650mm**	Purpose of inspection	**Operational Condition Inspection**
Lining Material		Method of inspection	**Television Camera**
Lining Type		Precipitation	**No precipitation**
Dia/Height [mm]	**650**	Cleaning	**The conduit was not cleaned prior to the inspection**
Material	**Cement mortar**	Flow control	**No measures taken**



1:82 [m]	Code	Observation Text	MPEG	Photo	Grade
0.00	STMH	Start node, maintenance hole, Nodename:, Pit 4	00:00:06		
0.20	JDR	Displaced joint, radial displacement, radial displacement: 11-20mm at 4 o'clock	00:00:50		2
4.90	JDR	Displaced joint, radial displacement, radial displacement: 5-10mm at 3 o'clock	00:01:53		1
8.00	JDR	Displaced joint, radial displacement, radial displacement: 5-10mm at 4 o'clock	00:02:54		1
10.00	FHJ	Finish node, junction or connection with another conduit, Nodename:, Unknown	00:04:06		

Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
3	5.0	0.9	0.9	2.0	0	0.0	0.0	0.0	1.0

Section Pictures - 6/09/2018 - Line 3.1

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	**6/09/2018**	**Line 3.1**	**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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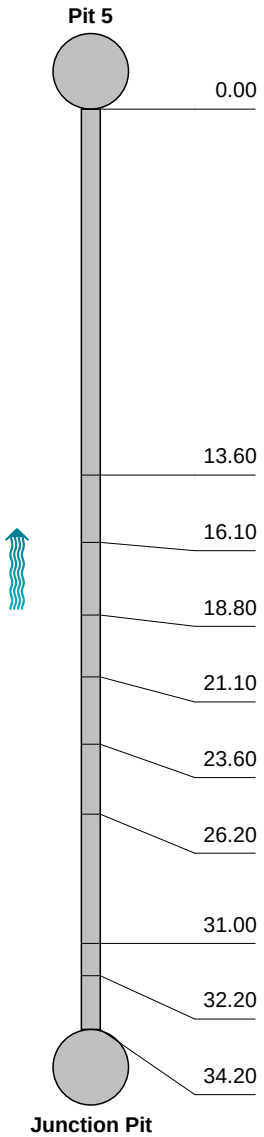
Section Inspection - 6/09/2018 - Line 3.2

Date of inspection	Time of inspection	Asset Owner	Pipe Asset ID	Nr.
6/09/2018	**9:59 AM**	**Sydeny Water**	**Line 3.2**	**7**
Project name	Contract No.	Coding Standard	Name of operator	Job Number
2018_09_06		**WSA 05-2008 2.2**	**Matt**	**4251**

Town		US MH	**Junction Pit**	Conduit Unit Length [m]	**0.00**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Direction of camera	**Upstream**	GIS length	**0.00**
Location Type	**Main road - urban**	DS MH	**Pit 5**	Inspected Length	**34.20**
Operation of Conduit	**Storm water drain**	Use of Conduit	**Drain**	Year Layed	

Profile	**750mm**	Purpose of inspection	**Operational Condition Inspection**
Lining Material		Method of inspection	**Television Camera**
Lining Type		Precipitation	**No precipitation**
Dia/Height [mm]	**750**	Cleaning	**The conduit was not cleaned prior to the inspection**
Material	**Cement mortar**	Flow control	**No measures taken**

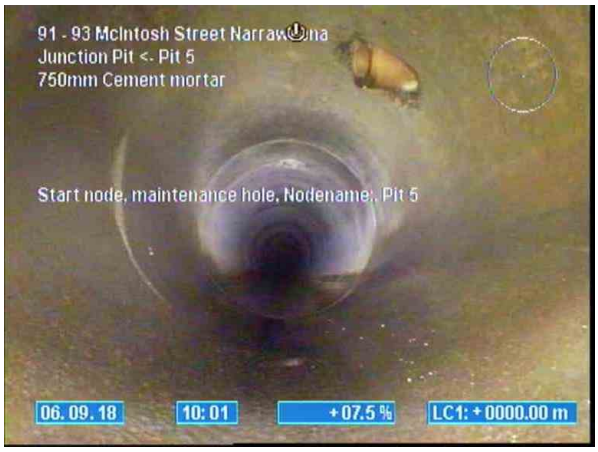


1:281 [m]	Code	Observation Text	MPEG	Photo	Grade
0.00	STMH	Start node, maintenance hole, Nodename:, Pit 5	00:00:14		
13.60	JDR	Displaced joint, radial displacement, radial displacement: 11-20mm at 5 o'clock	00:04:47		2
16.10	JDR	Displaced joint, radial displacement, radial displacement: 5-10mm at 6 o'clock	00:06:23		1
18.80	JDR	Displaced joint, radial displacement, radial displacement: >20mm at 5 o'clock	00:07:20		3
21.10	JIRN	Jointing material intrusion, ring visibly displaced/damaged but not intruding into conduit at 4 o'clock	00:08:23		3
23.60	JDR	Displaced joint, radial displacement, radial displacement: 5-10mm at 6 o'clock	00:09:27		1
26.20	JIRN	Jointing material intrusion, ring visibly displaced/damaged but not intruding into conduit at 7 o'clock	00:10:09		3
31.00	GC	General comment / 45 bend	00:11:24		
32.20	JDR	Displaced joint, radial displacement, radial displacement: 11-20mm at 5 o'clock	00:12:07		2
34.20	FHJ	Finish node, junction or connection with another conduit, Nodename:, Junction Pit	00:13:03		

Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
5	15.0	0.8	0.8	3.0	2	20.0	1.2	40.0	3.0

Section Pictures - 6/09/2018 - Line 3.2

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	**6/09/2018**	**Line 3.2**	**4251**



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

, 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

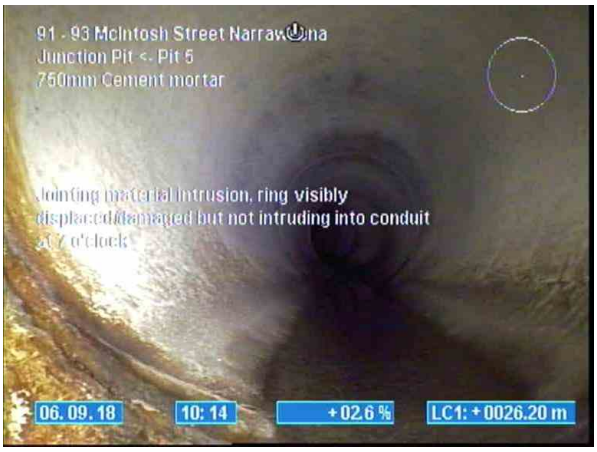
Section Pictures - 6/09/2018 - Line 3.2

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

Section Pictures - 6/09/2018 - Line 3.2

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	**6/09/2018**	**Line 3.2**	**4251**

, 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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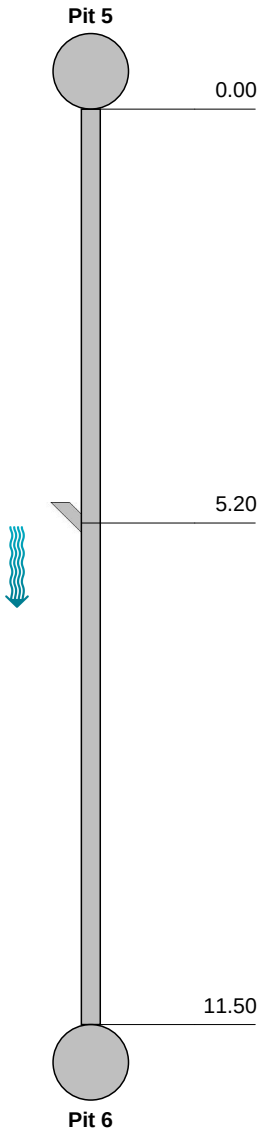
Section Inspection - 6/09/2018 - Line 3.3

Date of inspection	Time of inspection	Asset Owner	Pipe Asset ID	Nr.
6/09/2018	**10:29 AM**	**Sydeny Water**	**Line 3.3**	**8**
Project name	Contract No.	Coding Standard	Name of operator	Job Number
2018_09_06		**WSA 05-2008 2.2**	**Matt**	**4251**

Town		US MH	**Pit 5**	Conduit Unit Length [m]	**0.00**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Direction of camera	**Downstream**	GIS length	**0.00**
Location Type	**Main road - urban**	DS MH	**Pit 6**	Inspected Length	**11.50**
Operation of Conduit	**Storm water drain**	Use of Conduit	**Drain**	Year Layed	

Profile	**950mm**	Purpose of inspection	**Operational Condition Inspection**
Lining Material		Method of inspection	**Television Camera**
Lining Type		Precipitation	**No precipitation**
Dia/Height [mm]	**950**	Cleaning	**The conduit was not cleaned prior to the inspection**
Material	**Cement mortar**	Flow control	**No measures taken**



1:95	[m]	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, Pit 5	00:00:18		
	5.20	CNGO	Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 2 o'clock	00:03:06		
	11.50	FHMH	Finish node, maintenance hole, Nodename:, Pit 6	00:04:32		

Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
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	0	0.0	0.0	0.0	1.0

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

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

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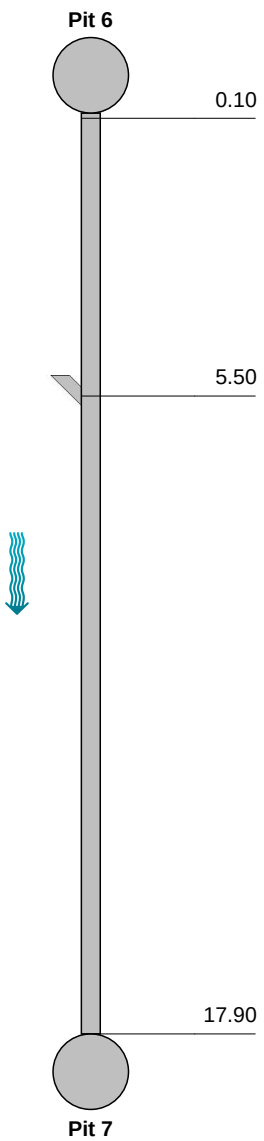
Section Inspection - 6/09/2018 - Line 3.4

Date of inspection	Time of inspection	Asset Owner	Pipe Asset ID	Nr.
6/09/2018	**10:39 AM**	**Sydeny Water**	**Line 3.4**	**9**
Project name	Contract No.	Coding Standard	Name of operator	Job Number
2018_09_06		**WSA 05-2008 2.2**	**Matt**	**4251**

Town		US MH	**Pit 6**	Conduit Unit Length [m]	**0.00**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Direction of camera	**Downstream**	GIS length	**0.00**
Location Type	**Main road - urban**	DS MH	**Pit 7**	Inspected Length	**17.80**
Operation of Conduit	**Storm water drain**	Use of Conduit	**Drain**	Year Layed	

Profile	**950mm**	Purpose of inspection	**Operational Condition Inspection**
Lining Material		Method of inspection	**Television Camera**
Lining Type		Precipitation	**No precipitation**
Dia/Height [mm]	**950**	Cleaning	**The conduit was not cleaned prior to the inspection**
Material	**Cement mortar**	Flow control	**No measures taken**



1:147	[m]	Code	Observation Text	MPEG	Photo	Grade
	0.10	STMH	Start node, maintenance hole, Nodename:, Pit 6	00:00:00		
	5.50	CNGO	Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 2 o'clock	00:05:04		
	17.90	FHMH	Finish node, maintenance hole, Nodename:, Pit 7	00:05:04		

Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
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	0	0.0	0.0	0.0	1.0

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**

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

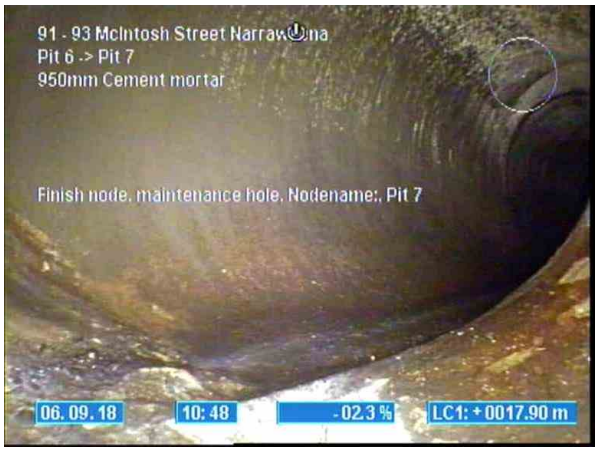
, 00:00:00, 0.10
Start node, maintenance hole, Nodename:, Pit 6

, 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

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

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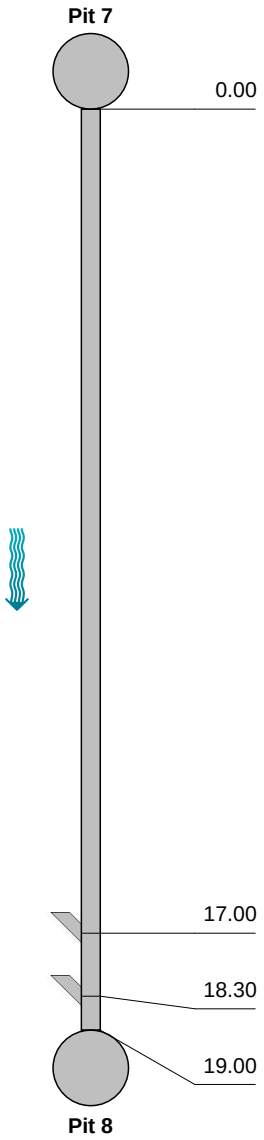
Section Inspection - 6/09/2018 - Line 3.5

Date of inspection	Time of inspection	Asset Owner	Pipe Asset ID	Nr.
6/09/2018	**10:53 AM**	**Sydeny Water**	**Line 3.5**	**10**
Project name	Contract No.	Coding Standard	Name of operator	Job Number
2018_09_06		**WSA 05-2008 2.2**	**Matt**	**4251**

Town		US MH	**Pit 7**	Conduit Unit Length [m]	**0.00**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Direction of camera	**Downstream**	GIS length	**0.00**
Location Type	**Main road - urban**	DS MH	**Pit 8**	Inspected Length	**19.00**
Operation of Conduit	**Storm water drain**	Use of Conduit	**Drain**	Year Layed	

Profile	**950mm**	Purpose of inspection	**Operational Condition Inspection**
Lining Material		Method of inspection	**Television Camera**
Lining Type		Precipitation	**No precipitation**
Dia/Height [mm]	**950**	Cleaning	**The conduit was not cleaned prior to the inspection**
Material	**Cement mortar**	Flow control	**No measures taken**



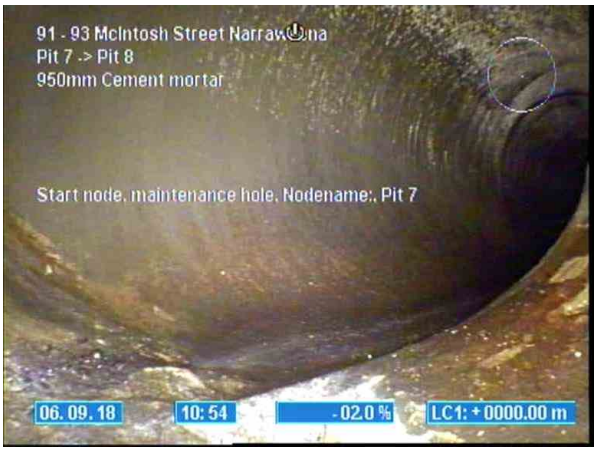
1:156 [m]	Code	Observation Text	MPEG	Photo	Grade
0.00	STMH	Start node, maintenance hole, Nodename:, Pit 7	00:00:10		
17.00	CNGO	Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 2 o'clock	00:03:03		
18.30	CNGO	Connection, good workmanship, connection appears to be open, height: 100mm, width: 100mm at 3 o'clock / Water Leak	00:03:40		
19.00	FHMH	Finish node, maintenance hole, Nodename:, Pit 8	00:04:20		

Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
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	0	0.0	0.0	0.0	1.0

Section Pictures - 6/09/2018 - Line 3.5

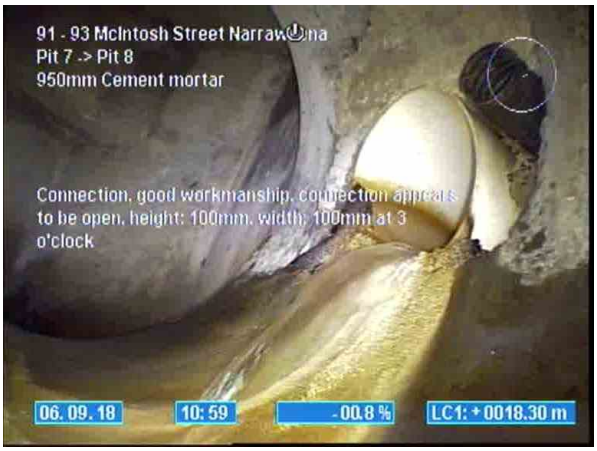
Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	**6/09/2018**	**Line 3.5**	**4251**

, 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

Section Pictures - 6/09/2018 - Line 3.5

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	**6/09/2018**	**Line 3.5**	**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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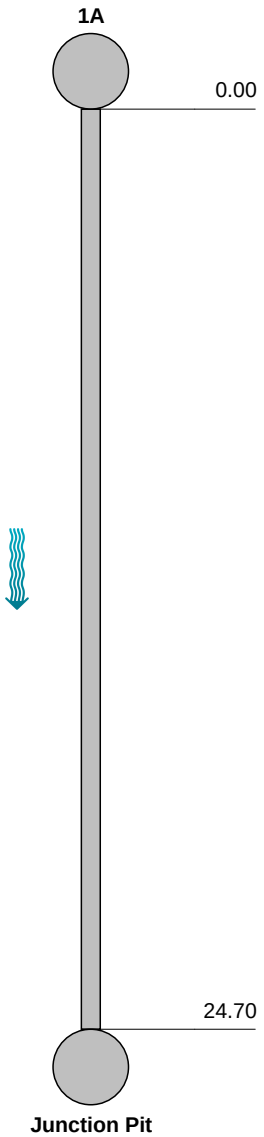
Section Inspection - 6/09/2018 - Line 1.2

Date of inspection	Time of inspection	Asset Owner	Pipe Asset ID	Nr.
6/09/2018	**11:40 AM**	**Sydeny Water**	**Line 1.2**	**11**
Project name	Contract No.	Coding Standard	Name of operator	Job Number
2018_09_06		**WSA 05-2008 2.2**	**Matt**	**4251**

Town		US MH	**1A**	Conduit Unit Length [m]	**0.00**
Address/Location	**91 - 93 McIntosh Street Narraweena**	Direction of camera	**Downstream**	GIS length	**0.00**
Location Type	**Main road - urban**	DS MH	**Junction Pit**	Inspected Length	**24.70**
Operation of Conduit	**Storm water drain**	Use of Conduit	**Drain**	Year Layed	

Profile	**600mm**	Purpose of inspection	**Operational Condition Inspection**
Lining Material		Method of inspection	**Television Camera**
Lining Type		Precipitation	**No precipitation**
Dia/Height [mm]	**600**	Cleaning	**The conduit was not cleaned prior to the inspection**
Material	**Cement mortar**	Flow control	**No measures taken**



1:203	[m]	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, 1A	00:00:09		
	24.70	FHJ	Finish node, junction or connection with another conduit, Nodename:, Junction Pit	00:02:27		

Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
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	0	0.0	0.0	0.0	1.0

Section Pictures - 6/09/2018 - Line 1.2

Town	Address/Location	Date of inspection	Pipe Asset ID	Job Number
	91 - 93 McIntosh Street	**6/09/2018**	**Line 1.2**	**4251**

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

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