

Date of inspection 15/01/2025	Time of inspection 9:00 AM	Land ownership Public land	Pipe Asset ID A TOO B	Nr. 1
Project name FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

Suburb	MCCRAE	US MH	A	Unit Length	0.00 m
Address	VIEW POINT ROAD	Direction	Upstream	GIS length	0.00 m
Location type	In a footway beside road	DS MH	B	Inspected Length [m]	11.30 m
Operation	Gravity	Use	A drain designed to carry only surface w	Year Laid	
Profile	150mm	Purpose of inspection	Suspected operational problem (Operational exam)		
Lining material		Method of inspection	Inspection by means of a fixed position zoom pipeline camera		
Lining type		Precipitation			
Dia/Height	150 mm	Cleaning	The conduit was not cleaned prior to the inspection		
Material	Polyvinylchloride	Flow control	No measures taken		

General comment

1:99	m+	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, B	00:00:00	10-12 VIEW POINT	
	11.30	SAL	Inspection (survey) abandoned, Line deviates	00:03:24	10-12 VIEW POINT	

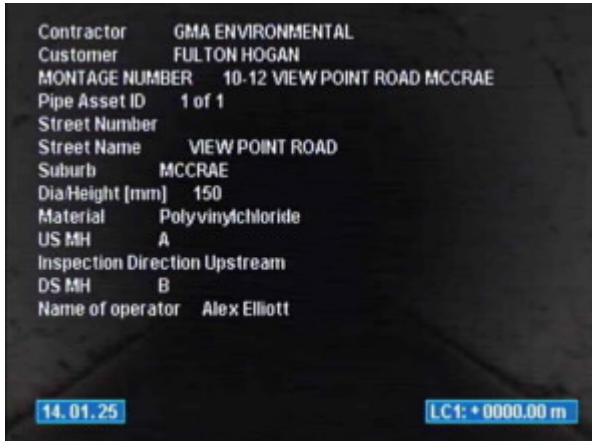
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Section Pictures - 15/01/2025 - A TOO B

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID A TOO B	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_090054_A
 TOO B _005.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename:, B



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_090054_A
 TOO B _006.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename:, B



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_090054_A
 TOO B _007.jpg, 00:03:24, 11.30
 Inspection (survey) abandoned, Line deviates

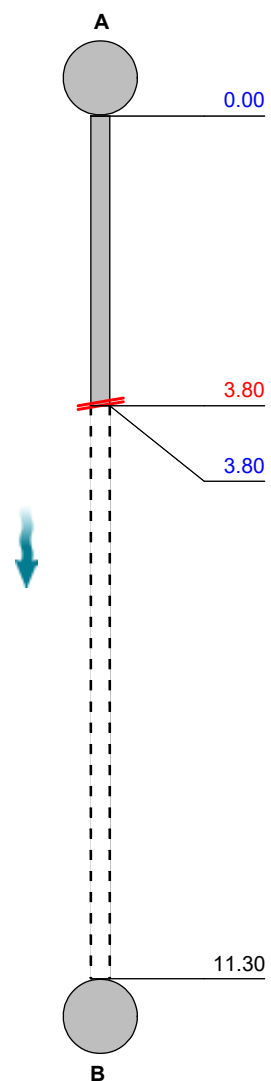


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Section Inspection - 15/01/2025 - A TOO B

Date of inspection 15/01/2025	Time of inspection 8:38 AM	Land ownership Public land	Pipe Asset ID A TOO B	Nr. 1
Project name FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

Suburb MCCRAE	US MH A	Unit Length 0.00 m
Address VIEW POINT ROAD	Direction Downstream	GIS length 0.00 m
Location type In a footway beside road	DS MH B	Inspected Length [m] 3.80 m
Operation Gravity	Use A drain designed to carry only surface w	Year Laid
Profile 150mm	Purpose of inspection Suspected operational problem (Operational exam)	
Lining material	Method of inspection Inspection by means of a fixed position zoom pipeline camera	
Lining type	Precipitation	
Dia/Height 150 mm	Cleaning The conduit was not cleaned prior to the inspection	
Material Polyvinylchloride	Flow control No measures taken	
General comment 10-12		

1:99	m+	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, A	00:00:00	10-12 VIEW POINT	
	3.80	LL	The conduit curves to the left	00:04:25	10-12 VIEW POINT	
	3.80	SAL	Inspection (survey) abandoned, Line deviates	00:05:13	10-12 VIEW POINT	
	11.30		End of pipe			

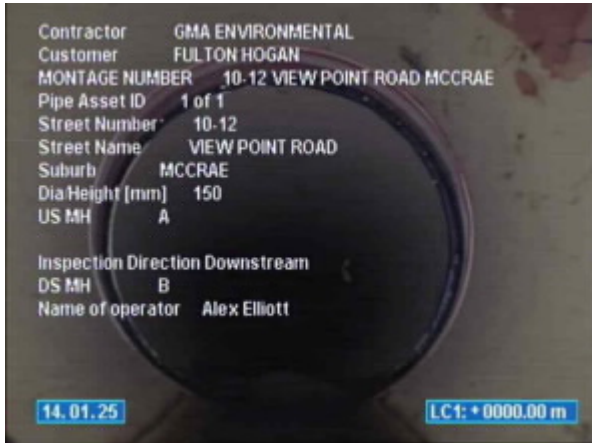
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Defects				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1	0	0.0	0.0	0.0	1



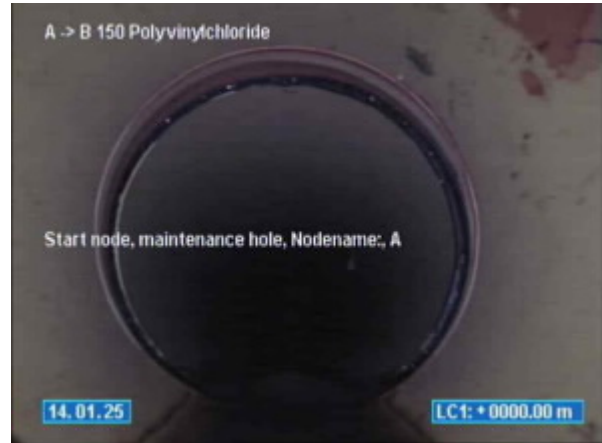
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Section Pictures - 15/01/2025 - A TOO B

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID A TOO B	Job ID 10-12 VIEW POINT ROAD
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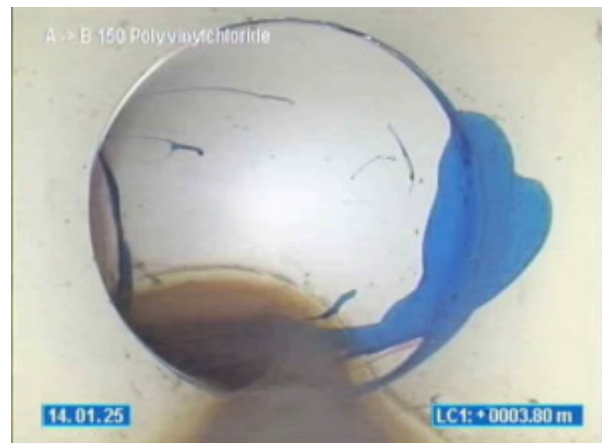
10-12 VIEW POINT ROAD MCCRAE_15.01.2025_083859_A
 TOO B _001.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename:, A



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_083859_A
 TOO B _002.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename:, A



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_083859_A
 TOO B _003.jpg, 00:04:25, 3.80
 The conduit curves to the left



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_083859_A
 TOO B _004.jpg, 00:05:13, 3.80
 Inspection (survey) abandoned, Line deviates



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Section Inspection - 15/01/2025 - B TOO C

Date of inspection 15/01/2025	Time of inspection 10:21 AM	Land ownership Public land	Pipe Asset ID B TOO C	Nr. 2
Project name FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

Suburb MCCRAE	US MH B	Unit Length 0.00 m
Address VIEW POINT ROAD	Direction Downstream	GIS length 0.00 m
Location type In a footway beside road	DS MH C	Inspected Length [m] 6.70 m
Operation Gravity	Use A drain designed to carry only surface w	Year Laid
Profile 300mm	Purpose of inspection Suspected operational problem (Operational exam)	
Lining material	Method of inspection Inspection by means of a fixed position zoom pipeline camera	
Lining type	Precipitation	
Dia/Height 300 mm	Cleaning The conduit was not cleaned prior to the inspection	
Material Concrete unreinforced	Flow control No measures taken	

General comment

1:59	m+	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, B	00:00:00	10-12 VIEW POINT	
	0.20	BD	Breaking, all pieces are present but some of them are visibly displaced from position, length of break: 300mm from 11 o'clock to 1 o'clock	00:02:28	10-12 VIEW POINT	4
	0.40	SV	Soil visible through defect	00:02:54	10-12 VIEW POINT	4
	3.80	WLFT	Water flow at constant depth, turbid or discoloured water, 20-25%	00:03:34	10-12 VIEW POINT	
	6.70	FHMH	Finish node, maintenance hole, Nodename:, C	00:04:19	10-12 VIEW POINT	

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Defects

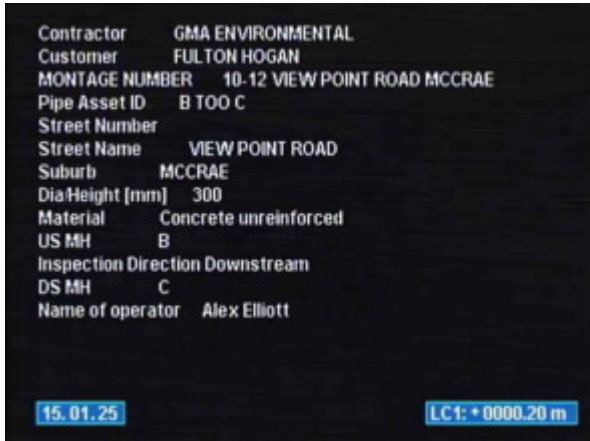
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	95.0	14.2	95.0	5	0	0.0	0.0	0.0	1



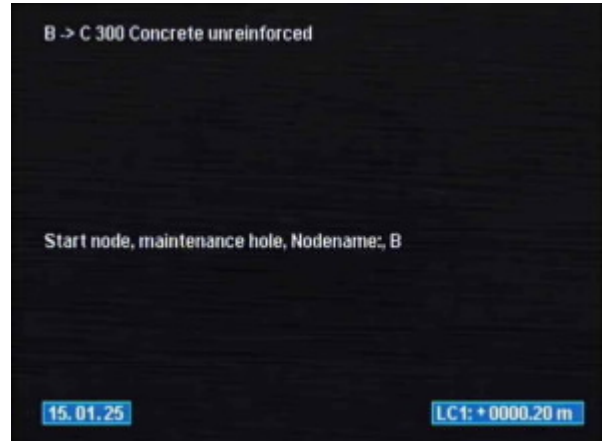
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Section Pictures - 15/01/2025 - B TOO C

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID B TOO C	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_102122_B
 TOO C _008.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename:, B



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_102122_B
 TOO C _009.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename:, B



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_102122_B
 TOO C _010.jpg, 00:02:28, 0.20
 Breaking, all pieces are present but some of them are visibly
 displaced from position, length of break: 300mm from 11
 o'clock to 1 o'clock



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_102122_B
 TOO C _011.jpg, 00:02:54, 0.40
 Soil visible through defect



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Section Pictures - 15/01/2025 - B TOO C

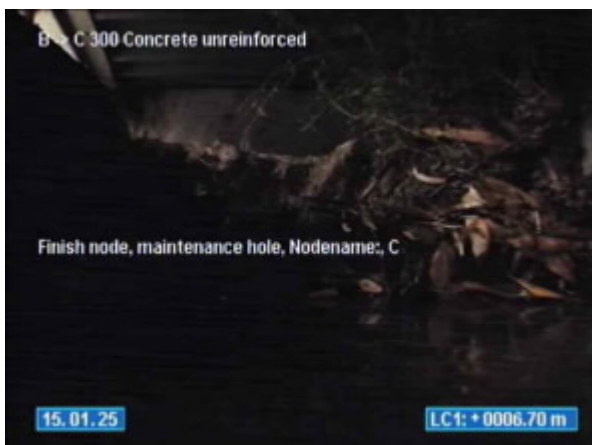
Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID B TOO C	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_102122_B
 TOO C _012.jpg, 00:03:34, 3.80
 Water flow at constant depth, turbid or discoloured water,
 20-25%



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_102122_B
 TOO C _013.jpg, 00:04:19, 6.70
 Finish node, maintenance hole, Nodename:, C



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_102122_B
 TOO C _014.jpg, 00:04:19, 6.70
 Finish node, maintenance hole, Nodename:, C



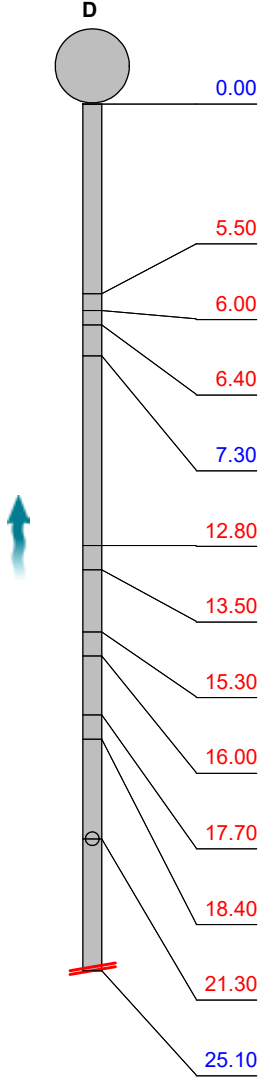
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Section Inspection - 15/01/2025 - C TOO D

Date of inspection 15/01/2025	Time of inspection 11:46 AM	Land ownership Public land	Pipe Asset ID C TOO D	Nr. 3
Project name FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

Suburb MCCRAE	US MH C	Unit Length 0.00 m
Address VIEW POINT ROAD	Direction Upstream	GIS length 0.00 m
Location type In a footway beside road	DS MH D	Inspected Length [m] 25.10 m
Operation Gravity	Use A drain designed to carry only surface w	Year Laid
Profile 150mm	Purpose of inspection Suspected operational problem (Operational exam)	
Lining material	Method of inspection Inspection by means of a fixed position zoom pipeline camera	
Lining type	Precipitation	
Dia/Height 150 mm	Cleaning The conduit was not cleaned prior to the inspection	
Material Polyvinylchloride	Flow control No measures taken	

General comment

1:219	m+	Code	Observation Text	MPEG	Photo	Grade
						
	0.00	STMH	Start node, maintenance hole, Nodename:, D	00:04:25	10-12 VIEW POINT	
	5.50	MC	Change of conduit material. New material, Fibre reinforced cement, at joint	00:04:25	10-12 VIEW POINT	
	6.00	OBI	Obstruction, an object is intruding through the wall, Obstruction: 80% from 11 o'clock to 4 o'clock	00:04:25	10-12 VIEW POINT	5
	6.40	MC	Change of conduit material. New material, Concrete segments, at joint	00:04:25	10-12 VIEW POINT	
	7.30	WLFT	Water flow at constant depth, turbid or discoloured water, 35-40%	00:04:25		
	12.80	MC	Change of conduit material. New material, Fibre reinforced plastic	00:04:25	10-12 VIEW POINT	
	13.50	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:04:25		
	15.30	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:04:25	10-12 VIEW POINT	
	16.00	MC	Change of conduit material. New material, Concrete segments, at joint	00:04:25	10-12 VIEW POINT	
	17.70	MC	Change of conduit material. New material, Fibre reinforced plastic	00:04:25		
	18.40	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:04:25	10-12 VIEW POINT	
	21.30	CNOU	Connection, unlined, connection appears to be open, Height/Diameter (mm): 100 at 12 o'clock	00:04:25	10-12 VIEW POINT	
	25.10	SAR	Inspection (survey) abandoned, roots	00:00:00	10-12 VIEW POINT	

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Defects

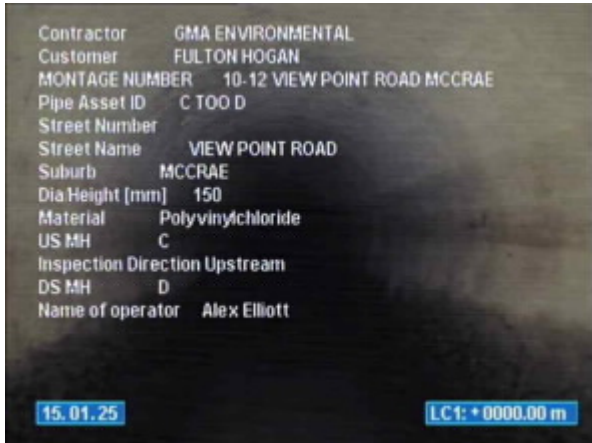
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1	1	80.0	3.2	80.0	5



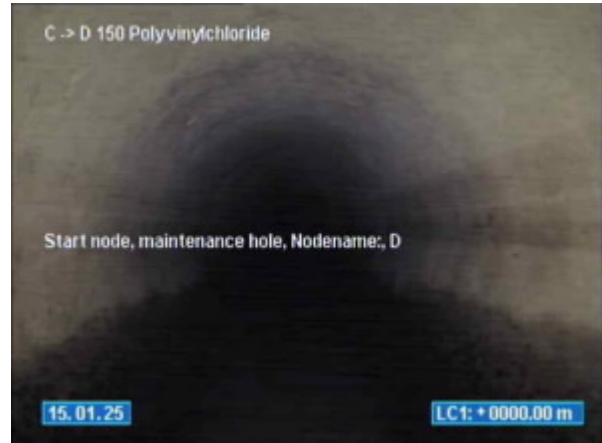
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Section Pictures - 15/01/2025 - C TOO D

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID C TOO D	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_021.jpg, 00:04:25, 0.00
 Start node, maintenance hole, Nodename:, D



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_022.jpg, 00:04:25, 0.00
 Start node, maintenance hole, Nodename:, D



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_023.jpg, 00:04:25, 5.50
 Change of conduit material. New material, Fibre reinforced
 cement, at joint



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_024.jpg, 00:04:25, 6.00
 Obstruction, an object is intruding through the wall,
 Obstruction: 80% from 11 o'clock to 4 o'clock



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Section Pictures - 15/01/2025 - C TOO D

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID C TOO D	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_025.jpg, 00:04:25, 6.40
 Change of conduit material. New material, Concrete segments,
 at joint



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_026.jpg, 00:04:25, 12.80
 Change of conduit material. New material, Fibre reinforced
 plastic



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_027.jpg, 00:04:25, 15.30
 Change of conduit material. New material, Fibre reinforced
 plastic, at joint



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_028.jpg, 00:04:25, 16.00
 Change of conduit material. New material, Concrete segments,
 at joint



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Section Pictures - 15/01/2025 - C TOO D

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID C TOO D	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_029.jpg, 00:04:25, 18.40
 Change of conduit material. New material, Fibre reinforced
 plastic, at joint



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_030.jpg, 00:04:25, 21.30
 Connection, unlined, connection appears to be open,
 Height/Diameter (mm): 100 at 12 o'clock



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_031.jpg, 00:04:25, 21.30
 Connection, unlined, connection appears to be open,
 Height/Diameter (mm): 100 at 12 o'clock



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_114611_C
 TOO D_032.jpg, 00:00:00, 25.10
 Inspection (survey) abandoned, roots



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Section Inspection - 15/01/2025 - C TOO D

Date of inspection 15/01/2025	Time of inspection 10:41 AM	Land ownership Public land	Pipe Asset ID C TOO D	Nr. 3
Project name FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

Suburb MCCRAE	US MH C	Unit Length 0.00 m
Address VIEW POINT ROAD	Direction Downstream	GIS length 0.00 m
Location type In a footway beside road	DS MH D	Inspected Length [m] 7.40 m
Operation Gravity	Use A drain designed to carry only surface w	Year Laid
Profile 150mm	Purpose of inspection Suspected operational problem (Operational exam)	
Lining material	Method of inspection Inspection by means of a fixed position zoom pipeline camera	
Lining type	Precipitation	
Dia/Height 150 mm	Cleaning The conduit was not cleaned prior to the inspection	
Material Polyvinylchloride	Flow control No measures taken	

General comment

1:219	m+	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, C	00:00:00	10-12 VIEW POINT	
	3.50	MC	Change of conduit material. New material, Fibre reinforced plastic	00:02:45	10-12 VIEW POINT	
	3.80	MC	Change of conduit material. New material, Concrete segments	00:03:09		
	5.00	MC	Change of conduit material. New material, Fibre reinforced plastic	00:03:47	10-12 VIEW POINT	
	5.40	MC	Change of conduit material. New material, Concrete segments	00:04:09		
	7.10	RT	Tap roots, reduction in cross sectional area, Obstruction: 50% from 9 o'clock to 3 o'clock	00:05:13	10-12 VIEW POINT	
	7.40	SAR	Inspection (survey) abandoned, roots	00:07:08	10-12 VIEW POINT	
	25.10		End of pipe			

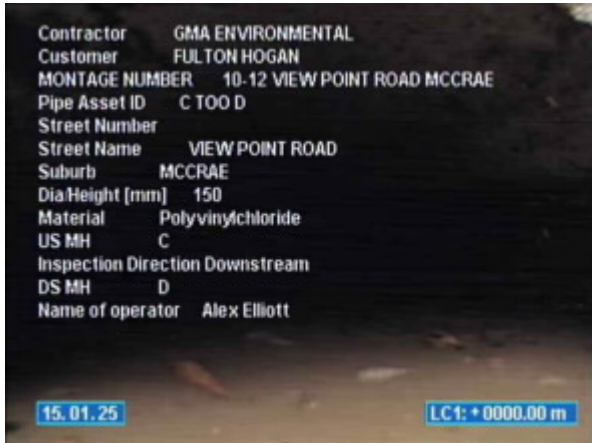
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Defects				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
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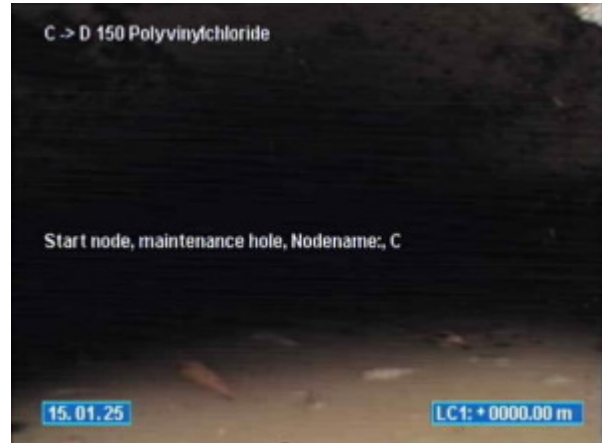
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Section Pictures - 15/01/2025 - C TOO D

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID C TOO D	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_104134_C
 TOO D_015.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename:, C



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_104134_C
 TOO D_016.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename:, C



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_104134_C
 TOO D_017.jpg, 00:02:45, 3.50
 Change of conduit material. New material, Fibre reinforced plastic



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_104134_C
 TOO D_018.jpg, 00:03:47, 5.00
 Change of conduit material. New material, Fibre reinforced plastic



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Section Pictures - 15/01/2025 - C TOO D

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID C TOO D	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_104134_C
 TOO D_020.jpg, 00:05:13, 7.10
 Tap roots, reduction in cross sectional area, Obstruction: 50%
 from 9 o'clock to 3 o'clock



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_104134_C
 TOO D_019.jpg, 00:07:08, 7.40
 Inspection (survey) abandoned, roots



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Section Inspection - 15/01/2025 - D TOO C

Date of inspection 15/01/2025	Time of inspection 1:20 PM	Land ownership Public land	Pipe Asset ID D TOO C	Nr. 4
Project name FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

Suburb MCCRAE	US MH C	Unit Length 0.00 m
Address VIEW POINT ROAD	Direction Upstream	GIS length 0.00 m
Location type In a footway beside road	DS MH D	Inspected Length [m] 34.70 m
Operation Gravity	Use A drain designed to carry only surface w	Year Laid
Profile 150mm	Purpose of inspection Suspected operational problem (Operational exam)	
Lining material	Method of inspection Inspection by means of a fixed position zoom pipeline camera	
Lining type	Precipitation	
Dia/Height 150 mm	Cleaning The conduit was not cleaned prior to the inspection	
Material Concrete segments	Flow control No measures taken	
General comment		

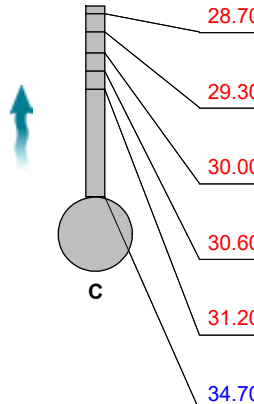
1:248	m+	Code	Observation Text	MPEG	Photo	Grade
	0.00	STMH	Start node, maintenance hole, Nodename:, D / CLEAN LINE AND RECCTV	00:33:07	10-12 VIEW POINT	
	0.00	BM	Breaking, one or more pieces of conduit are missing, length of break: 100mm from 11 o'clock to 1 o'clock	00:33:07	10-12 VIEW POINT	3
	0.00	SV	Soil visible through defect	00:33:07	10-12 VIEW POINT	4
	2.30	RRF	Recently cut fine roots-a relatively small number of cut minor roots remain, Obstruction: 20% from 4 o'clock to 8 o'clock	00:33:07	10-12 VIEW POINT	1
	5.90	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:33:07	10-12 VIEW POINT	
	6.60	MC	Change of conduit material. New material, Concrete segments	00:33:07		
	13.30	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:33:07		
	14.10	MC	Change of conduit material. New material, Concrete reinforced, at joint	00:33:07		
	15.90	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:33:07	10-12 VIEW POINT	
	16.40	MC	Change of conduit material. New material, Concrete reinforced, at joint	00:33:07	10-12 VIEW POINT	
	18.30	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:33:07	10-12 VIEW POINT	
	18.80	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:33:07		
	21.80	CNOU	Connection, unlined, connection appears to be open, Height/Diameter (mm): 150 at 12 o'clock	00:33:07	10-12 VIEW POINT	
	23.20	RRF	Recently cut fine roots-a relatively small number of cut minor roots remain, Obstruction: 40%, at joint from 4 o'clock to 6 o'clock	00:33:07	10-12 VIEW POINT	1
	28.20	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:33:07		



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Section Inspection - 15/01/2025 - D TOO C

Date of inspection 15/01/2025	Time of inspection 1:20 PM	Land ownership Public land	Pipe Asset ID D TOO C	Nr. 4
Project name FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

	1:248	m+	Code	Observation Text	MPEG	Photo	Grade
		28.70	MC	Change of conduit material. New material, Concrete segments, at joint	00:33:07		
		29.30	MC	Change of conduit material. New material, Fibre reinforced plastic	00:33:07		
		30.00	MC	Change of conduit material. New material, Concrete reinforced, at joint	00:33:07	10-12 VIEW POINT	
		30.60	MC	Change of conduit material. New material, Fibre reinforced plastic, at joint	00:33:07		
		31.20	MC	Change of conduit material. New material, Concrete reinforced, at joint	00:33:07		
	34.70	FHMH	Finish node, maintenance hole, Nodename:, C	00:00:00	10-12 VIEW POINT		

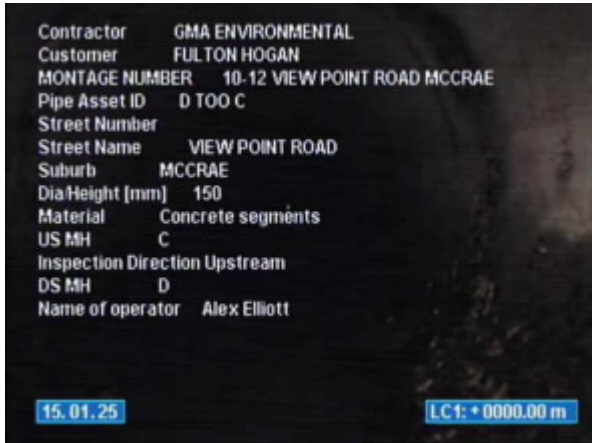
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Defects				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	75.0	2.2	75.0	5	0	0.0	0.0	0.0	1



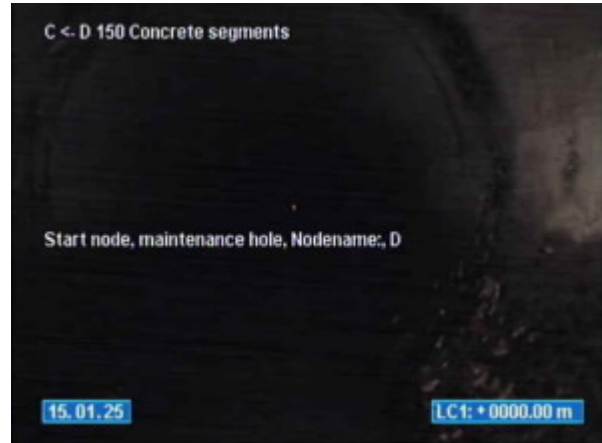
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Section Pictures - 15/01/2025 - D TOO C

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID D TOO C	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D
 TOO C _033.jpg, 00:33:07, 0.00
 Start node, maintenance hole, Nodename:, D / CLEAN LINE
 AND RECCTV



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D
 TOO C _034.jpg, 00:33:07, 0.00
 Start node, maintenance hole, Nodename:, D / CLEAN LINE
 AND RECCTV



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D
 TOO C _035.jpg, 00:33:07, 0.00
 Breaking, one or more pieces of conduit are missing, length of
 break: 100mm from 11 o'clock to 1 o'clock



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D
 TOO C _036.jpg, 00:33:07, 0.00
 Soil visible through defect



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Section Pictures - 15/01/2025 - D TOO C

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID D TOO C	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D TOO C _037.jpg, 00:33:07, 2.30
 Recently cut fine roots-a relatively small number of cut minor roots remain, Obstruction: 20% from 4 o'clock to 8 o'clock



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D TOO C _038.jpg, 00:33:07, 5.90
 Change of conduit material. New material, Fibre reinforced plastic, at joint



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D TOO C _039.jpg, 00:33:07, 15.90
 Change of conduit material. New material, Fibre reinforced plastic, at joint



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D TOO C _040.jpg, 00:33:07, 16.40
 Change of conduit material. New material, Concrete reinforced, at joint



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Section Pictures - 15/01/2025 - D TOO C

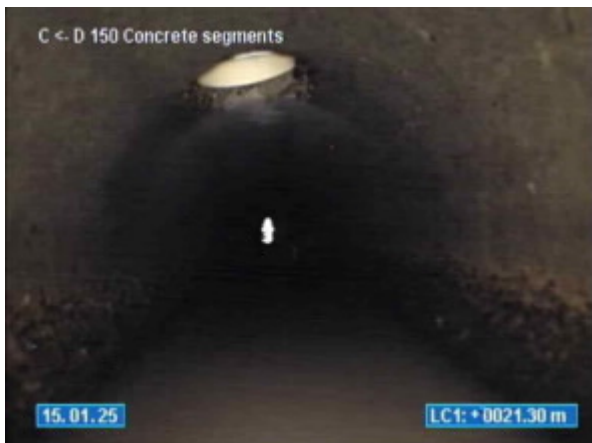
Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID D TOO C	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D TOO C _041.jpg, 00:33:07, 18.30
 Change of conduit material. New material, Fibre reinforced plastic, at joint



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D TOO C _042.jpg, 00:33:07, 21.80
 Connection, unlined, connection appears to be open, Height/Diameter (mm): 150 at 12 o'clock



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D TOO C _043.jpg, 00:33:07, 21.80
 Connection, unlined, connection appears to be open, Height/Diameter (mm): 150 at 12 o'clock



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D TOO C _044.jpg, 00:33:07, 23.20
 Recently cut fine roots-a relatively small number of cut minor roots remain, Obstruction: 40%, at joint from 4 o'clock to 6 o'clock



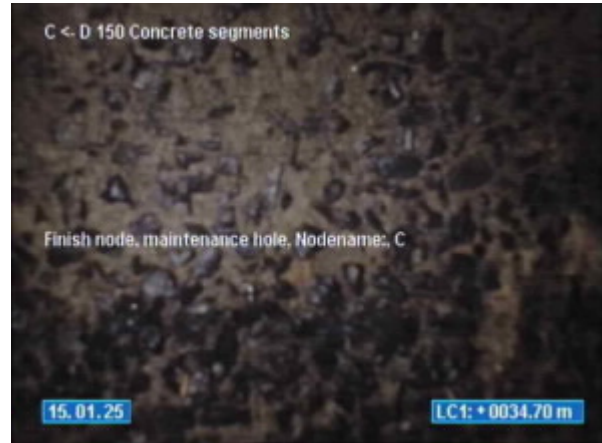
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Section Pictures - 15/01/2025 - D TOO C

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID D TOO C	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D
 TOO C _045.jpg, 00:33:07, 30.00
 Change of conduit material. New material, Concrete
 reinforced, at joint



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_132020_D
 TOO C _046.jpg, 00:00:00, 34.70
 Finish node, maintenance hole, Nodename:, C

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Section Inspection - 15/01/2025 - D TOO E

Date of inspection 15/01/2025	Time of inspection 1:59 PM	Land ownership Public land	Pipe Asset ID D TOO E	Nr. 5
Project name <small>FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE</small>	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

Suburb MCCRAE	US MH D	Unit Length 0.00 m
Address VIEW POINT ROAD	Direction Downstream	GIS length 0.00 m
Location type In a footway beside road	DS MH E	Inspected Length [m] 22.70 m
Operation Gravity	Use A drain designed to carry only surface w	Year Laid
Profile 300mm	Purpose of inspection Suspected operational problem (Operational exam)	
Lining material	Method of inspection Inspection by means of a fixed position zoom pipeline camera	
Lining type	Precipitation	
Dia/Height 300 mm	Cleaning The conduit was not cleaned prior to the inspection	
Material Plastics (type unknown)	Flow control No measures taken	
General comment		

1:198	m+	Code	Observation Text	MPEG	Photo	Grade
D						
	0.00	STMH	Start node, maintenance hole, Nodename:, D	00:00:00	10-12 VIEW POINT	
	10.30	LDBU	The non-structural liner has bulged (no longer attached but liner is still intact) at 4 o'clock	00:01:48	10-12 VIEW POINT	2
	22.70	FMH	Finish node, maintenance hole, Nodename:, E	00:03:01	10-12 VIEW POINT	
E						

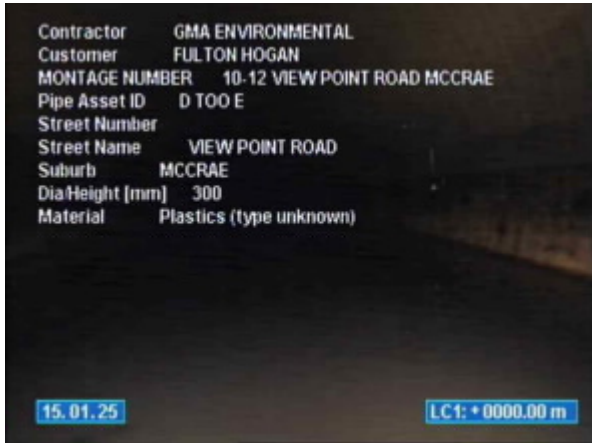
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Defects				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1	1	5.0	0.2	5.0	2



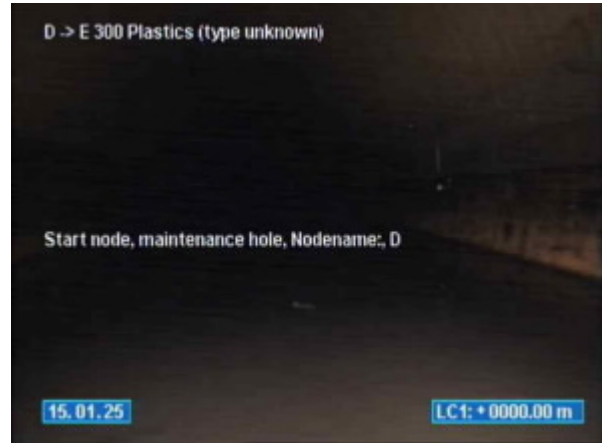
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Section Pictures - 15/01/2025 - D TOO E

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID D TOO E	Job ID 10-12 VIEW POINT ROAD
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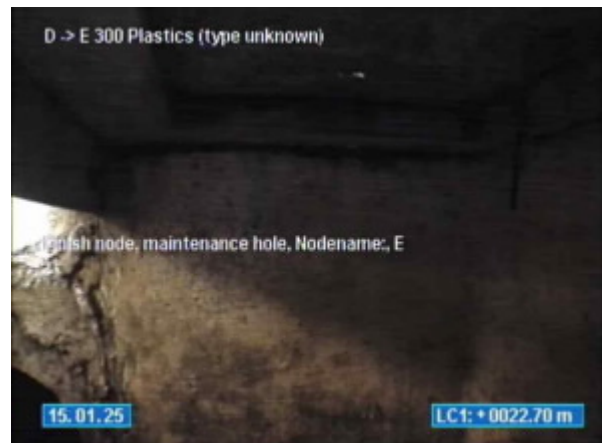
10-12 VIEW POINT ROAD MCCRAE_15.01.2025_135956_D
 TOO E _047.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename: D



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_135956_D
 TOO E _048.jpg, 00:00:00, 0.00
 Start node, maintenance hole, Nodename: D



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_135956_D
 TOO E _049.jpg, 00:01:48, 10.30
 The non-structural liner has bulged (no longer attached but
 liner is still intact) at 4 o'clock



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_135956_D
 TOO E _050.jpg, 00:03:01, 22.70
 Finish node, maintenance hole, Nodename: E



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Section Inspection - 15/01/2025 - E TOO F

Date of inspection 15/01/2025	Time of inspection 2:11 PM	Land ownership Public land	Pipe Asset ID E TOO F	Nr. 6
Project name FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

Suburb MCCRAE	US MH E	Unit Length 0.00 m
Address VIEW POINT ROAD	Direction Downstream	GIS length 0.00 m
Location type In a footway beside road	DS MH F	Inspected Length [m] 70.60 m
Operation Gravity	Use A drain designed to carry only surface w	Year Laid
Profile 300mm	Purpose of inspection Suspected operational problem (Operational exam)	
Lining material	Method of inspection Inspection by means of a fixed position zoom pipeline camera	
Lining type	Precipitation	
Dia/Height 300 mm	Cleaning The conduit was not cleaned prior to the inspection	
Material Plastics (type unknown)	Flow control No measures taken	

General comment

1:627	m+	Code	Observation Text	MPEG	Photo	Grade
E						
	1.40	STMH	Start node, maintenance hole, Nodename:, E	00:00:00	10-12 VIEW POINT	
	1.80	MC	Change of conduit material. New material, Concrete reinforced	00:00:43		
	28.40	RT	Tap roots, reduction in cross sectional area, Obstruction: 10% from 2 o'clock to 3 o'clock	00:03:26		
	47.80	RT	Tap roots, reduction in cross sectional area, Obstruction: 10% from 6 o'clock to 7 o'clock	00:05:39	10-12 VIEW POINT	
	72.00	FMH	Finish node, maintenance hole, Nodename:, F	00:10:57		
F						

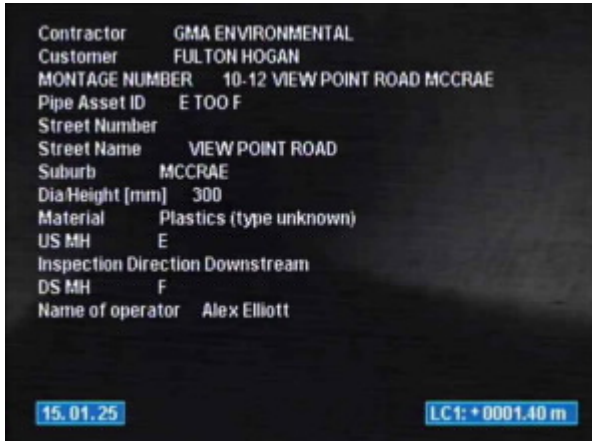
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Defects				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1	0	0.0	0.0	0.0	1



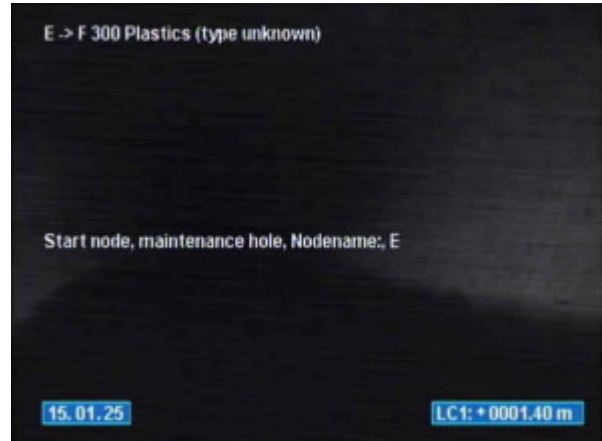
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Section Pictures - 15/01/2025 - E TOO F

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID E TOO F	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_141137_E
 TOO F _051.jpg, 00:00:00, 1.40
 Start node, maintenance hole, Nodename:, E



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_141137_E
 TOO F _052.jpg, 00:00:00, 1.40
 Start node, maintenance hole, Nodename:, E



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_141137_E
 TOO F _053.jpg, 00:05:39, 47.80
 Tap roots, reduction in cross sectional area, Obstruction: 10%
 from 6 o'clock to 7 o'clock



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Section Inspection - 15/01/2025 - F TOO G

Date of inspection 15/01/2025	Time of inspection 2:28 PM	Land ownership Public land	Pipe Asset ID F TOO G	Nr. 7
Project name FULTONHOGAN - AE407 10-12 VIEW POINT ROAD MCCRAE	Contractor's Job Number	Coding Standard WSA 2020	Name of operator Alex Elliott	Job ID 10-12 VIEW POINT ROAD MCCRAE

Suburb MCCRAE	US MH F	Unit Length 0.00 m
Address VIEW POINT ROAD	Direction Downstream	GIS length 0.00 m
Location type In a footway beside road	DS MH G	Inspected Length [m] 26.50 m
Operation Gravity	Use A drain designed to carry only surface w	Year Laid
Profile 300mm	Purpose of inspection Suspected operational problem (Operational exam)	
Lining material	Method of inspection Inspection by means of a fixed position zoom pipeline camera	
Lining type	Precipitation	
Dia/Height 300 mm	Cleaning The conduit was not cleaned prior to the inspection	
Material Plastics (type unknown)	Flow control No measures taken	

General comment

1:630	m+	Code	Observation Text	MPEG	Photo	Grade
F						
	0.00	FMH	Finish node, maintenance hole, Nodename:, G	00:00:00	10-12 VIEW POINT	
	2.90	SV	Soil visible through defect, at joint	00:01:41	10-12 VIEW POINT	4
	26.50	FMH	Finish node, maintenance hole, Nodename:, G	00:05:18		
G						

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Defects

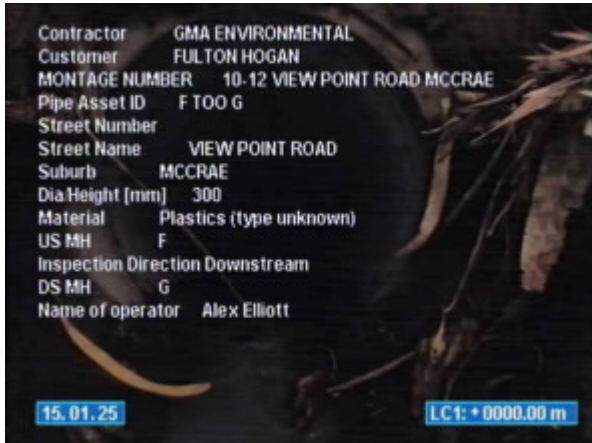
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	55.0	2.1	55.0	4	0	0.0	0.0	0.0	1



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Section Pictures - 15/01/2025 - F TOO G

Suburb MCCRAE	Address/Location VIEW POINT ROAD	Date of inspection 15/01/2025	Pipe Asset ID F TOO G	Job ID 10-12 VIEW POINT ROAD
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10-12 VIEW POINT ROAD MCCRAE_15.01.2025_142844_F
 TOO G _054.jpg, 00:00:00, 0.00
 Finish node, maintenance hole, Nodename:, G



10-12 VIEW POINT ROAD MCCRAE_15.01.2025_142844_F
 TOO G _055.jpg, 00:01:41, 2.90
 Soil visible through defect, at joint