

Section Inspection - 16/05/2024 - 849006

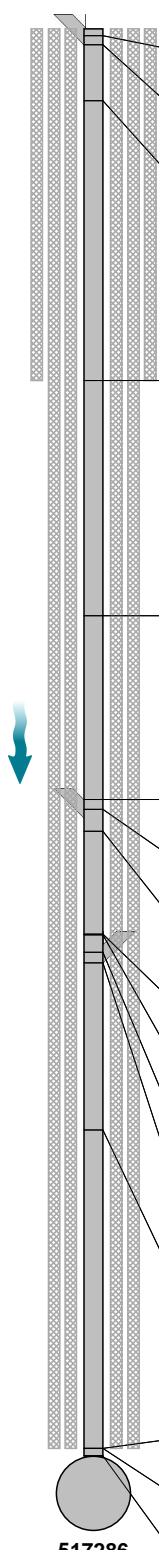
Location ORANGA TOC54	Asset ID 849006	Asset owner's Reference	Date of inspection 16/05/2024	Time of inspection 3:55 pm	Precipitation No precipitation
Town or suburb Oranga	Name of Coder John Grieve	Name of Operator R. Pearce	Video volume reference 1 35820	Job Status	Client Korahi Alliance

Pipe Length 46.34 m	Material RC	Use of Pipeline F
Setup Upstream node	Lining type	Purpose of inspection R
Surveyed Length 46.12 m	Lining material	Inspection Currency CI
Joint Spacing 1.80 m	Width 150 mm	Inspection Status IC
Asset owner	Shape C	Cleaning Status NC
Up node reference 538135	Down node reference 517286	
U/S Node Type Sewer Manhole	D/S Node Type Sewer Manhole	
Depth at upstream node	Depth at downstream node	
U/S Location 2 Torokina Place	D/S Location 61 State Avenue	
General comment CCTV inspection for condition		

1:147	m +	OC	Observation	MPEG	Photo	Score
538135	0.22	IS	Inspection start, node reference: 538135	00:00:00	1, 2	
	0.40	S01 DGS	Debris greasy, small, clear diameter is reduced by less than 10% from 12 o'clock to 12 o'clock, start / Fat - Grease	00:00:41	3	
	0.69	LO	The lateral is open at 9 o'clock / 100mm	00:00:44	4	
	1.10	OPS	Obstruction permanent, reduction of up to 10% of the pipe diameter from 5 o'clock to 7 o'clock / Grout	00:00:46	5	10 / 15
	1.80	MC	Material change / EW to RC	00:00:48	6	
	1.81	S02 DES	Debris silt, small, clear diameter reduced by less than 10%, start / Gravel stones	00:00:49	7	
	11.35	JFXL	The sealing of the joint is faulty, large, clearly through the pipe wall from 10 o'clock to 12 o'clock / RIFS	00:01:41	8, 9	10
	11.35	RIFS	Fine roots, roots restrict flow by 10% or less of full flow from 10 o'clock to 12 o'clock	00:01:41	10	3 / 5
	11.49	S03 DGS	Debris greasy, small, clear diameter is reduced by less than 10% from 10 o'clock to 2 o'clock, start / Pipe roof	00:01:53	11	
	12.64	JFXL	The sealing of the joint is faulty, large, clearly through the pipe wall from 9 o'clock to 2 o'clock / RIFS	00:01:58	12	10
	12.64	S04 RIFS	Fine roots, roots restrict flow by 10% or less of full flow from 9 o'clock to 2 o'clock	00:01:58	13	
	14.44	LFXL	Lateral sealing faulty, evidence exist that the connection between the lateral and the main pipe is leaking at 12 o'clock / 100mm. Roots via seal	00:02:22	14	10
	14.85	F04 RIFS	Fine roots, roots restrict flow by 10% or less of full flow from 9 o'clock to 2 o'clock	00:02:30	15	3 / 5
	18.45	MC	Material change / RC to VC	00:03:00	16	
	18.45	JFXL	The sealing of the joint is faulty, large, clearly through the pipe wall from 2 o'clock to 5 o'clock / RIFS	00:03:08	17	10
	18.45	RIFS	Fine roots, roots restrict flow by 10% or less of full flow from 2 o'clock to 5 o'clock	00:03:08	18	3 / 5

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Town or suburb Oranga	Name of Coder John Grieve	Name of Operator R. Pearce	Video volume reference 1 35820	Job Status	Client Korahi Alliance

1:147	m +	OC	Observation	MPEG	Photo	Score			
	18.73	LO	The lateral is open at 2 o'clock / 100mm	00:03:07	19				
	18.91	MC	Material change / VC to RC	00:03:15	20				
	20.00	GPF	General Photograph, Facing Forward	00:03:25	21				
	25.43	F03 DGS	Debris greasy, small, clear diameter is reduced by less than 10% from 10 o'clock to 2 o'clock, end / Pipe roof	00:03:48	22	15			
	30.00	GPF	General Photograph, Facing Forward	00:04:19	23				
	33.58	MC	Material change / RC to VC	00:04:37	24				
	33.77	LO	The lateral is open at 2 o'clock / 100mm	00:04:44	25				
	34.19	MC	Material change / VC to RC	00:04:51	26				
	36.20	MC	Material change / RC to VC	00:05:11	27				
	36.21	JFCM	Joint faulty, medium cracking or spalling, probably through the pipe wall from 7 o'clock to 12 o'clock	00:05:09	28	10			
	36.55	LO	The lateral is open at 9 o'clock / 100mm	00:05:18	29				
	36.75	MC	Material change / VC to RC	00:05:25	30				
	40.00	GPF	General Photograph, Facing Forward	00:06:03	31				
	46.19	F02 DES	Debris silt, small, clear diameter reduced by less than 10%, end / Gravel stones	00:07:15	32	15			
	46.19	F01 DGS	Debris greasy, small, clear diameter is reduced by less than 10% from 4 o'clock to 8 o'clock, end / Pipe walls	00:07:15	33	15			
517286	46.34	IE	Inspection ends, node reference: 517286	00:07:18	34				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
9	13.0	1.5	69.0	2.0	7	50.0	1.6	75.0	4.0

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Town or suburb Oranga	Location ORANGA TOC54	Date of inspection 16/05/2024	Asset ID 849006	Section No. 10
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1, 00:00:00, 0.22m (46.12m)
Inspection start, node reference: 538135



2, 00:00:00, 0.22m (46.12m)
Inspection start, node reference: 538135



3, 00:00:41, 0.40m (45.94m)
Debris greasy, small, clear diameter is reduced by less than 10% from 12 o'clock to 12 o'clock, start / Fat - Grease



4, 00:00:44, 0.69m (45.65m)
The lateral is open at 9 o'clock / 100mm

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Oranga	ORANGA TOC54	16/05/2024	849006	10



5, 00:00:46, 1.10m (45.24m)
Obstruction permanent, reduction of up to 10% of the pipe diameter from 5 o'clock to 7 o'clock / Grout



6, 00:00:48, 1.80m (44.54m)
Material change / EW to RC



7, 00:00:49, 1.81m (44.53m)
Debris silt, small, clear diameter reduced by less than 10%, start / Gravel stones



8, 00:01:41, 11.35m (34.99m)
The sealing of the joint is faulty, large, clearly through the pipe wall from 10 o'clock to 12 o'clock / RIFS

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Town or suburb	Location	Date of inspection	Asset ID	Section No.
Oranga	ORANGA TOC54	16/05/2024	849006	10



9, 00:01:41, 11.35m (34.99m)
The sealing of the joint is faulty, large, clearly through the pipe wall from 10 o'clock to 12 o'clock / RIFS



10, 00:01:41, 11.35m (34.99m)
Fine roots, roots restrict flow by 10% or less of full flow from 10 o'clock to 12 o'clock



11, 00:01:53, 11.49m (34.85m)
Debris greasy, small, clear diameter is reduced by less than 10% from 10 o'clock to 2 o'clock, start / Pipe roof



12, 00:01:58, 12.64m (33.70m)
The sealing of the joint is faulty, large, clearly through the pipe wall from 9 o'clock to 2 o'clock / RIFS

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Oranga	ORANGA TOC54	16/05/2024	849006	10



13, 00:01:58, 12.64m (33.70m)
Fine roots, roots restrict flow by 10% or less of full flow from 9 o'clock to 2 o'clock



14, 00:02:22, 14.44m (31.90m)
Lateral sealing faulty, evidence exist that the connection between the lateral and the main pipe is leaking at 12 o'clock / 100mm. Roots via seal



15, 00:02:30, 14.85m (31.49m)
Fine roots, roots restrict flow by 10% or less of full flow from 9 o'clock to 2 o'clock



16, 00:03:00, 18.45m (27.89m)
Material change / RC to VC

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17, 00:03:08, 18.45m (27.89m)
The sealing of the joint is faulty, large, clearly through the pipe wall from 2 o'clock to 5 o'clock / RIFS



18, 00:03:08, 18.45m (27.89m)
Fine roots, roots restrict flow by 10% or less of full flow from 2 o'clock to 5 o'clock



19, 00:03:07, 18.73m (27.61m)
The lateral is open at 2 o'clock / 100mm



20, 00:03:15, 18.91m (27.43m)
Material change / VC to RC

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21, 00:03:25, 20.00m (26.34m)
General Photograph, Facing Forward



22, 00:03:48, 25.43m (20.91m)
Debris greasy, small, clear diameter is reduced by less than 10% from 10 o'clock to 2 o'clock, end / Pipe roof



23, 00:04:19, 30.00m (16.34m)
General Photograph, Facing Forward



24, 00:04:37, 33.58m (12.76m)
Material change / RC to VC

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Town or suburb	Location	Date of inspection	Asset ID	Section No.
Oranga	ORANGA TOC54	16/05/2024	849006	10



25, 00:04:44, 33.77m (12.57m)
The lateral is open at 2 o'clock / 100mm



26, 00:04:51, 34.19m (12.15m)
Material change / VC to RC



27, 00:05:11, 36.20m (10.14m)
Material change / RC to VC



28, 00:05:09, 36.21m (10.13m)
Joint faulty, medium cracking or spalling, probably through the pipe wall from 7 o'clock to 12 o'clock

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29, 00:05:18, 36.55m (9.79m)
The lateral is open at 9 o'clock / 100mm



30, 00:05:25, 36.75m (9.59m)
Material change / VC to RC



31, 00:06:03, 40.00m (6.34m)
General Photograph, Facing Forward



32, 00:07:15, 46.19m (0.15m)
Debris silt, small, clear diameter reduced by less than 10%,
end / Gravel stones

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33, 00:07:15, 46.19m (0.15m)
Debris greasy, small, clear diameter is reduced by less than 10% from 4 o'clock to 8 o'clock, end / Pipe walls



34, 00:07:18, 46.34m (0.00m)
Inspection ends, node reference: 517286