



Defect Listing

Pipe Segment Refere... B1-2 B1-1	City Oliver Springs	Street Cemetery Rd	Material Fibreglass Reinforc...	Location C... Light High...	Sewer Use Sanitary
Upstream MH B1-2	Total Length 303.1	Year Laid	Shape Circular	Location Details	
DS Manhole B1-1	Length surveyed 303.1	Year Renewed	Height 8	Width 8	Pipe Joint... N/A

SPR N/A	MPR 12	PO Number 4397-03	Customer GRW
SPRI N/A	MPRI 2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR N/A	QMR 2600		
OPR 12	Surveyed By Charlie Gordon	Direction Downstream	Date 20150911
OPRI 2	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 06:45
	Date Cleaned 20150911	End Time 07:01	Weather Damp
			Media label
			Additional Info

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: B1-2									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
177.0 ft.	Water Level Sag				10	<input type="checkbox"/>			2
189.0 ft.	Tap Factory Made Active		6		0	<input type="checkbox"/>	3		
201.9 ft.	Water Level Sag	S01			10	<input type="checkbox"/>			2
211.9 ft.	Water Level Sag	F01			10	<input type="checkbox"/>			2
218.1 ft.	Water Level Sag	S02			10	<input type="checkbox"/>			2
226.8 ft.	Water Level Sag	F02			10	<input type="checkbox"/>			2
256.8 ft.	Water Level Sag	S03			10	<input type="checkbox"/>			2
257.9 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
261.4 ft.	Water Level Sag	F03			10	<input type="checkbox"/>			2
300.1 ft.	Tap Factory Made Active		6		0	<input type="checkbox"/>	3		
301.9 ft.	Water Level				5	<input type="checkbox"/>			
303.1 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: B1-1									



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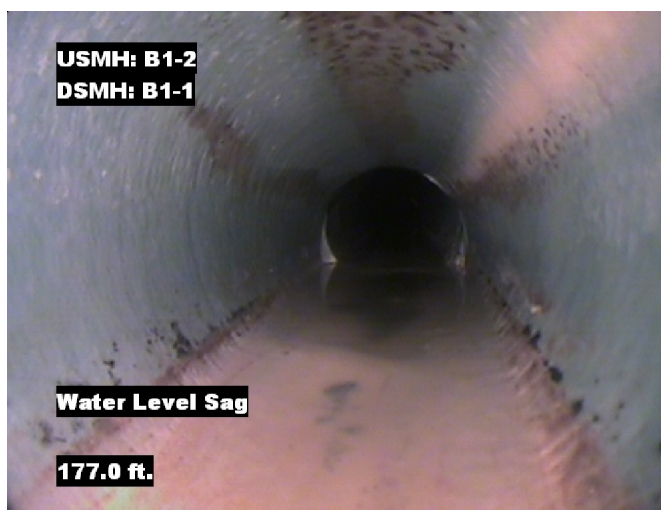
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B1-2 B1-1	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B1-2	303.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B1-1	303.1		8	8	N/A



Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: B1-2



Distance: 0.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 177.0 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 189.0 ft. Grade: 0
Condition: Tap Factory Made Active
Remarks: N/A

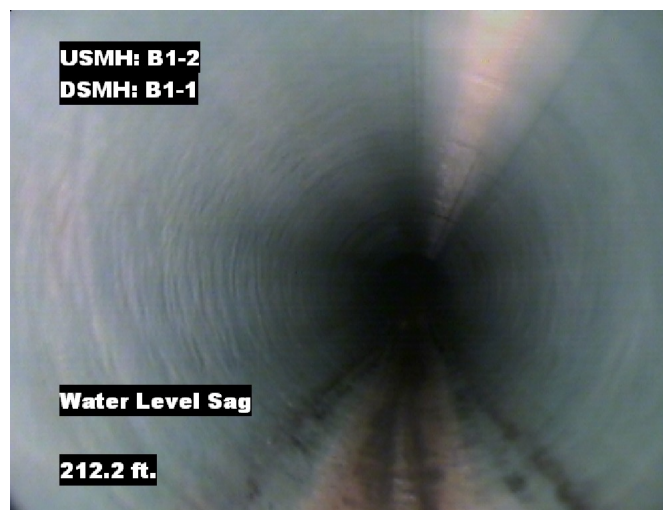


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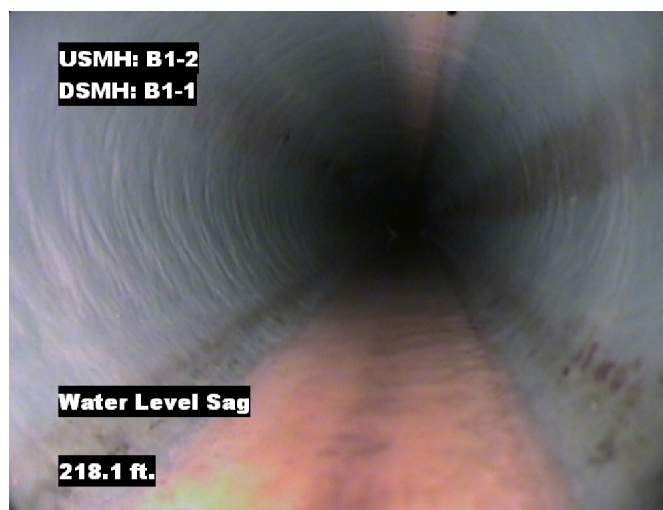
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B1-2_B1-1	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B1-2	303.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B1-1	303.1		8	8	N/A



Distance: 201.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 211.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 218.1 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 226.8 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

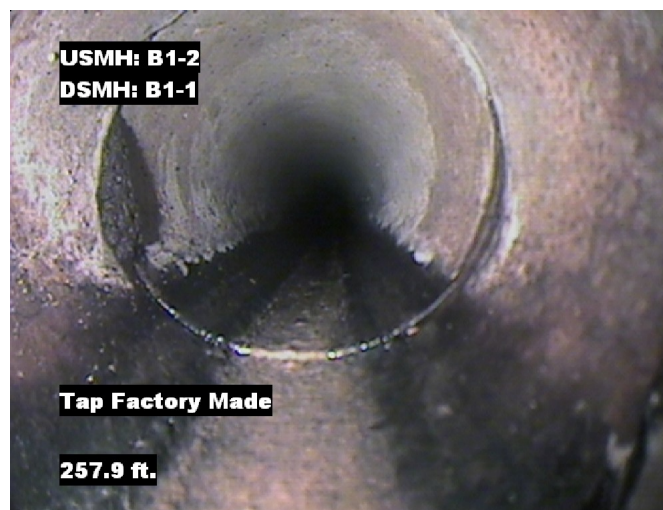


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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B1-2_B1-1	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B1-2	303.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B1-1	303.1		8	8	N/A



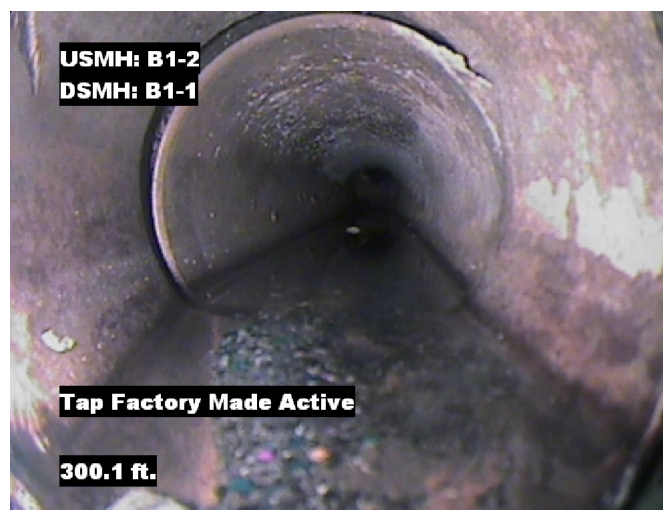
Distance: 256.8 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 257.9 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 261.4 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

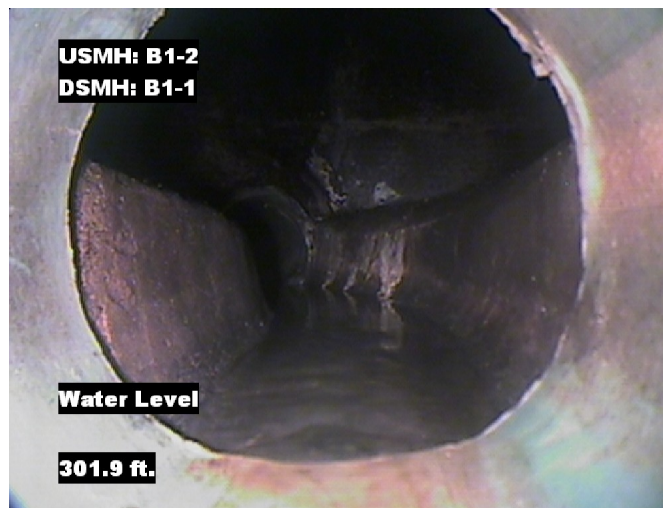


Distance: 300.1 ft. Grade: 0
Condition: Tap Factory Made Active
Remarks: N/A



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Pipe Segment Refere... B1-2 B1-1	City Oliver Springs	Street Cemetery Rd	Material Fibreglass Reinforc...		Location C... Light High...	Sewer Use Sanitary
Upstream MH B1-2	Total Length 303.1	Year Laid	Shape Circular		Location Details	
DS Manhole B1-1	Length surveyed 303.1	Year Renewed	Height 8	Width 8	Pipe Joint...	N/A



Distance: 301.9 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 303.1 ft. Grade: 0
Condition: Access Point Manhole
Remarks: B1-1



Pipe Segment Refere... B1-2_B1-1	City Oliver Springs	Street Cemetery Rd	Material Fibreglass Reinforc...		Location C... Light High...	Sewer Use Sanitary
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DS Manhole B1-1	Length surveyed 303.1	Year Renewed	Height 8	Width 8	Pipe Joint... N/A	
SPR N/A	MPR 12	PO Number 4397-03		Customer GRW		
SPRI N/A	MPRI 2	Work Order 4397-02		Purpose		
QSR N/A	QMR 2600			Pre-Rehabilitation Survey		
OPR 12	Surveyed By Charlie_Gordon	Direction Downstream	Date 20150911		Media label	
OPRI 2	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 06:45		Weather Damp	
Date Cleaned 20150911			End Time 07:01		Additional Info	

Normal Defects			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
Continuous Defects			1	0	0	1	0	0	1	0	0
			2	0	0	2	1	2	2	1	2
			3	0	0	3	0	0	3	0	0
			4	0	0	4	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	2	4	2	2	4
MWLS	F01	10.0									
MWLS	F02	8.7									
MWLS	F03	4.6									
			Subtotals	0		Subtotals	6		Subtotals	6	
SUMMARY			Pipe Rating	0		Pipe Rating	12		Overall Pipe Rating	12	
			Structural Index	0		O&M Index	2.0		Overall Index	2.0	
			Str. Quick Rating	0000		O&M Quick Rating	2600		Ovrl. Quick Rating	2600	