



Defect Listing

Pipe Segment Refere... B-11_B-10	City Oliver Springs	Street Cemetery Rd	Material Fibreglass Reinforc...	Location C... Easement/R...	Sewer Use Sanitary
Upstream MH B-11	Total Length 344.2	Year Laid	Shape Circular	Location Details	
DS Manhole B-10	Length surveyed 344.2	Year Renewed	Height 10	Width 10	Pipe Joint... N/A

SPR N/A	MPR 46	PO Number 4397-03	Customer GRW
SPRI N/A	MPRI 2.2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR N/A	QMR 422B		
OPR 46	Surveyed By Charlie Gordon	Direction Downstream	Date 20150914
OPRI 2.2	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 07:45
	Date Cleaned 20150914	End Time 08:06	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: B-11									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
31.4 ft.	Water Level				10	<input type="checkbox"/>			
78.3 ft.	Water Level Sag	S01			15	<input type="checkbox"/>			2
97.0 ft.	Water Level Sag	F01			15	<input type="checkbox"/>			2
213.5 ft.	Water Level				15	<input type="checkbox"/>			
237.5 ft.	Water Level				5	<input type="checkbox"/>			
251.9 ft.	Water Level Sag	S02			20	<input type="checkbox"/>			2
257.5 ft.	Camera Underwater				0	<input type="checkbox"/>			4
326.5 ft.	Water Level Sag	F02			20	<input type="checkbox"/>			2
327.0 ft.	Camera Underwater				0	<input type="checkbox"/>			4
344.2 ft.	Water Level				50	<input type="checkbox"/>			
344.2 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: B-10									



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Upstream MH B-11	Total Length 344.2	Year Laid	Shape Circular		Location Details	
DS Manhole B-10	Length surveyed 344.2	Year Renewed	Height 10	Width 10	Pipe Joint...	
					N/A	



Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: B-11



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



Distance: 31.4 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 78.3 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



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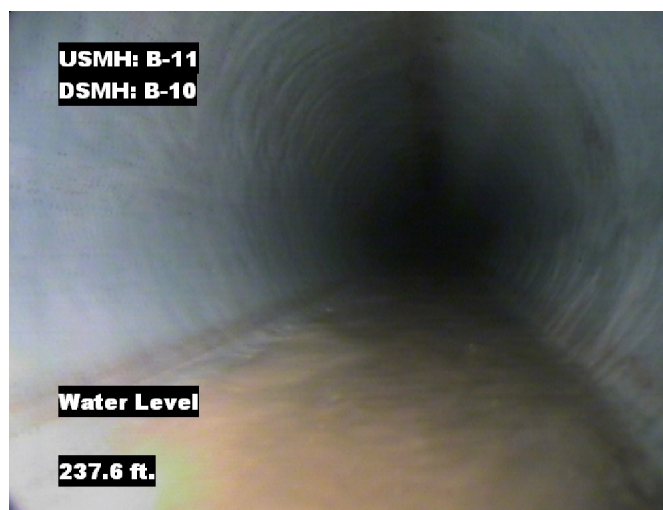
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B-11_B-10	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B-11	344.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B-10	344.2		10	10	N/A



Distance: 97.0 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 213.5 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 237.5 ft. Grade: 0
Condition: Water Level
Remarks: N/A

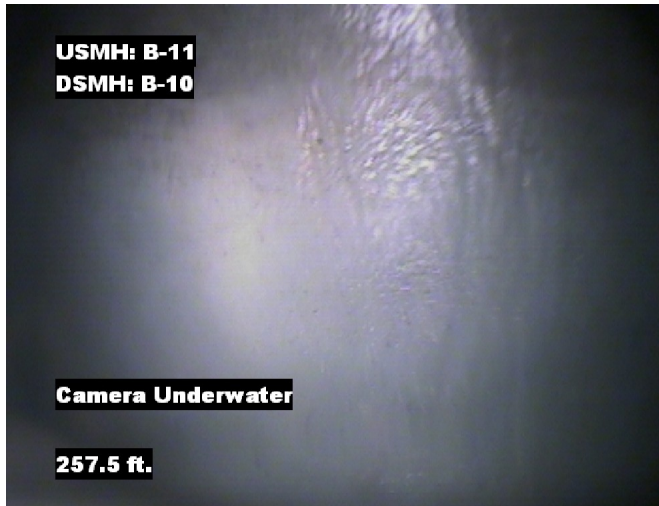


Distance: 251.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

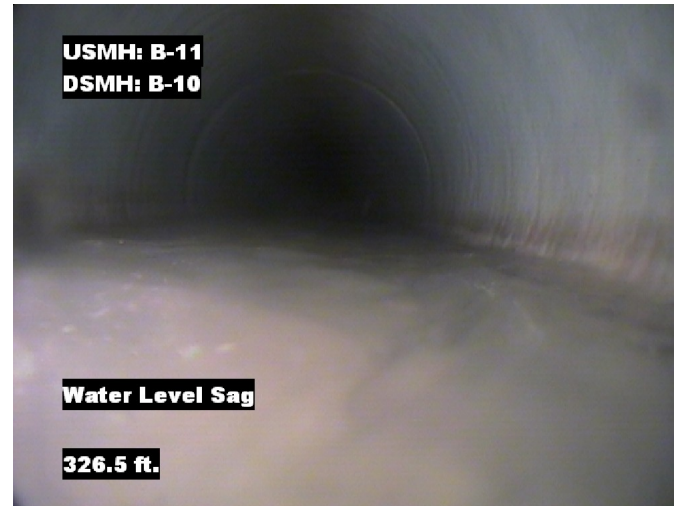


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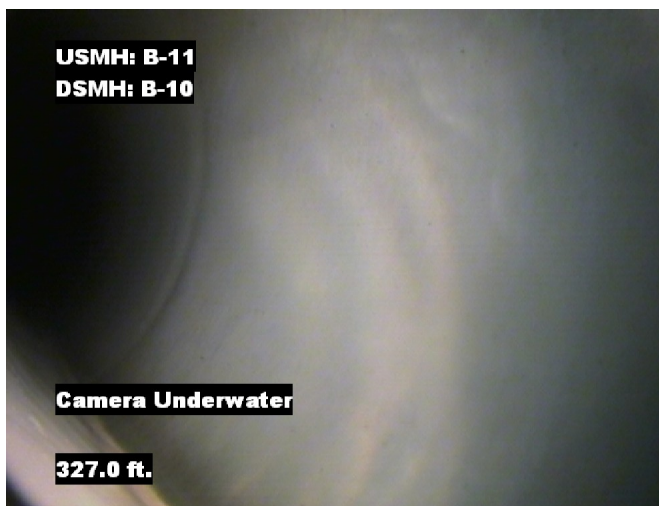
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B-11_B-10	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B-11	344.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B-10	344.2		10	10	N/A



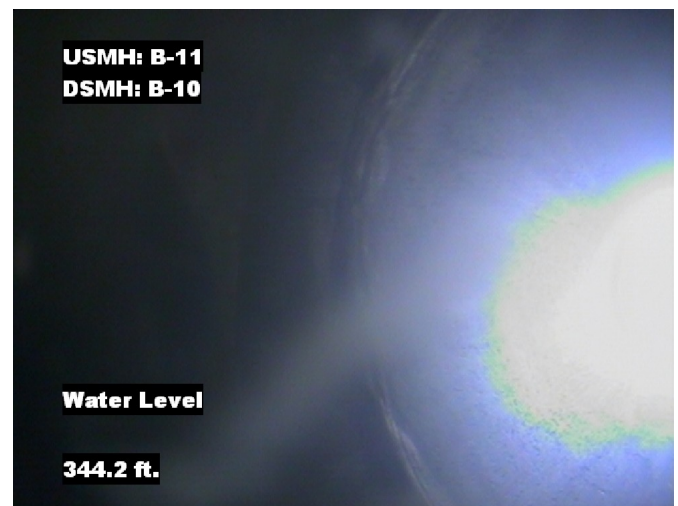
Distance: 257.5 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A



Distance: 326.5 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 327.0 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A

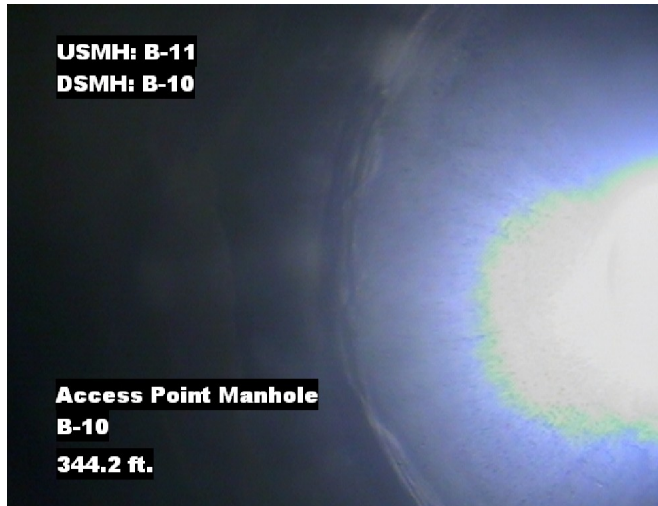


Distance: 344.2 ft. Grade: 0
Condition: Water Level
Remarks: N/A



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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B-11_B-10	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B-11	344.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B-10	344.2		10	10	N/A



Distance: 344.2 ft. Grade: 0
Condition: Access Point Manhole
Remarks: B-10



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Upstream MH	Total Length	Year Laid	Shape	Location Details	
B-11	344.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B-10	344.2		10	10	N/A
SPR	N/A	MPR	46	Customer	
SPRI	N/A	MPRI	2.2	GRW	
QSR	N/A	QMR	422B	Purpose	
			4397-02	Pre-Rehabilitation Survey	
OPR	Surveyed By	Direction	Date	Media label	
46	Charlie_Gordon	Downstream	20150914		
OPRI	Certificate Number	Pre-Cleaning	Time	Weather	
2.2	U-615-07000491	Jetting	07:45	Damp	
Date Cleaned			End Time	Additional Info	
20150914			08:06		

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	0	0	2	0	0
			3	0	0	3	0	0	3	0	0
			4	0	0	4	2	8	4	2	8
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	4	8	2	4	8
MWLS	F01	18.7									
MWLS	F02	74.6									
			Subtotals	0		Subtotals	21		Subtotals	21	
SUMMARY			Pipe Rating		0	Pipe Rating		46	Overall Pipe Rating		46
			Structural Index		0	O&M Index		2.2	Overall Index		2.2
			Str. Quick Rating		0000	O&M Quick Rating		422B	Ovrl. Quick Rating		422B