



Defect Listing

Pipe Segment Refere... A6-21_A6-20	City Oliver Springs	Street Hen valley	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH A6-21	Total Length 257.8	Year Laid	Shape Circular	Location Details	
DS Manhole A6-20	Length surveyed 257.8	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR N/A	MPR 11	PO Number 4397-03	Customer GRW
SPRI N/A	MPRI 2.2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR N/A	QMR 4123		
OPR 11	Surveyed By Charlie Gordon	Direction Downstream	Date 20150828
OPRI 2.2	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 08:41
	Date Cleaned 20150828	End Time 08:44	Weather Dry
			Additional Info MANHOLE A6-20 is bu...

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: A6-21									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
53.9 ft.	Water Level Sag				10	<input type="checkbox"/>			2
94.4 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
97.4 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
179.7 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
188.4 ft.	Water Level Sag	S01			20	<input type="checkbox"/>			2
191.1 ft.	Camera Underwater				0	<input type="checkbox"/>			4
200.2 ft.	Water Level Sag	F01			20	<input type="checkbox"/>			2
249.8 ft.	Roots Fine Joint				0	<input checked="" type="checkbox"/>	9	5	1
255.7 ft.	Water Level				10	<input type="checkbox"/>			
257.8 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A6-20									

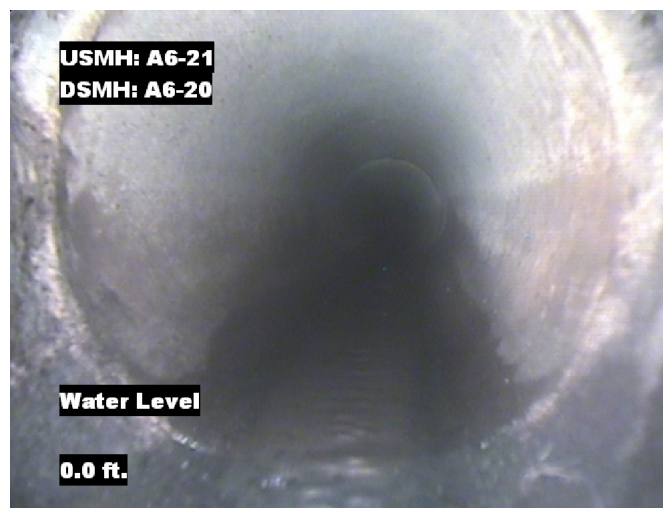


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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A6-21_A6-20	Oliver Springs	Hen valley	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A6-21	257.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A6-20	257.8		8	8	4



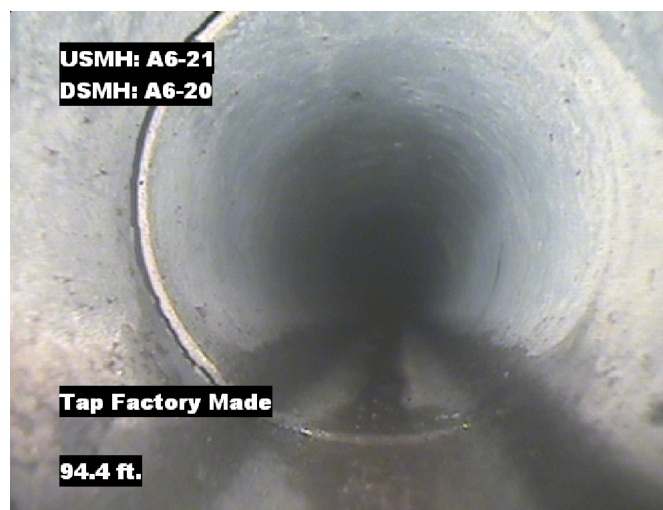
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A6-21



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



Distance: 53.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 94.4 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



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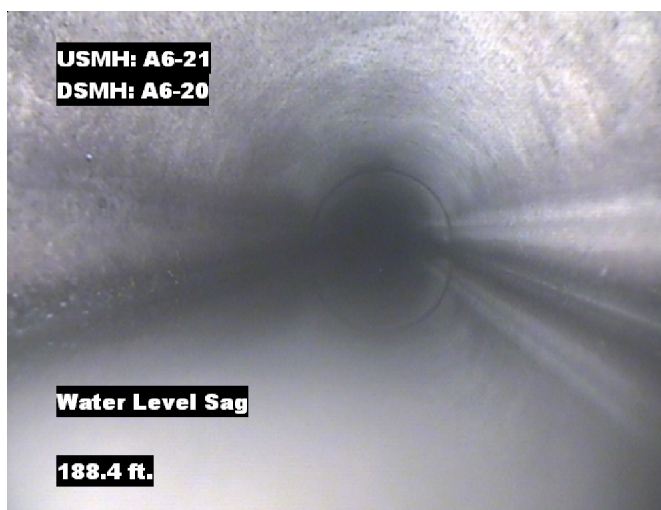
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Upstream MH A6-21	Total Length 257.8	Year Laid	Shape Circular	Location Details	
DS Manhole A6-20	Length surveyed 257.8	Year Renewed	Height 8	Width 8	Pipe Joint... 4



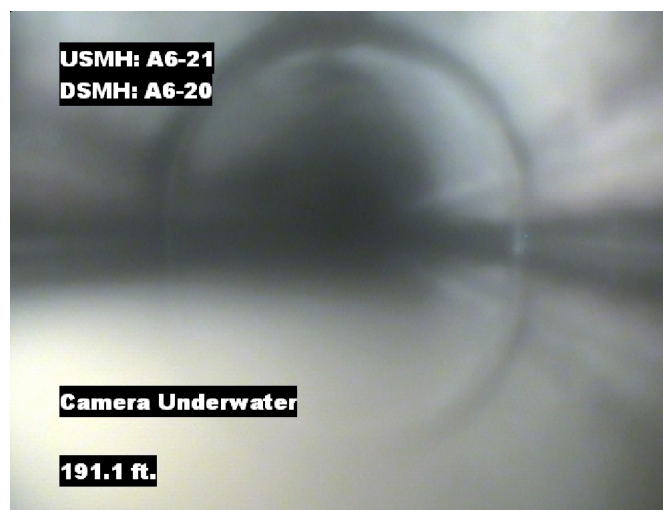
Distance: 97.4 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 179.7 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 188.4 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

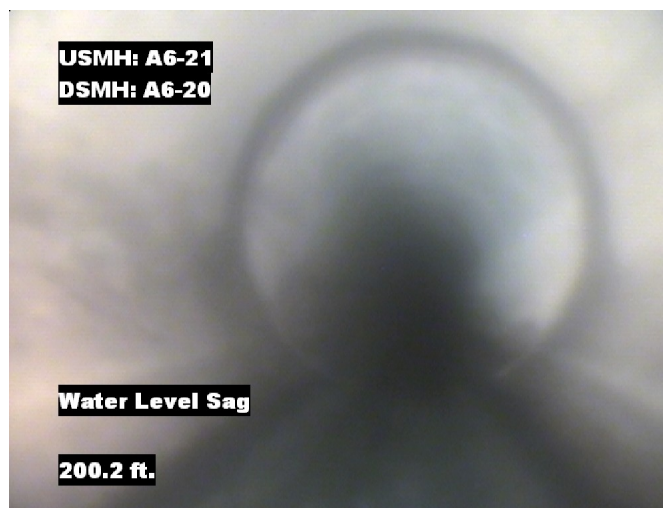


Distance: 191.1 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A

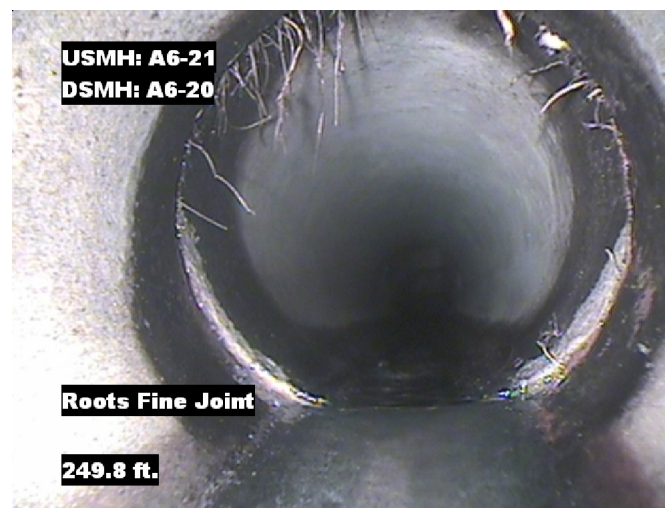


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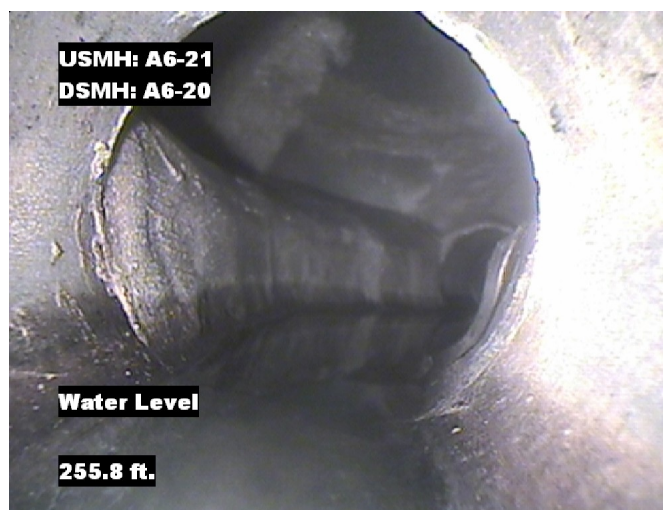
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Upstream MH	Total Length	Year Laid	Shape	Location Details	
A6-21	257.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A6-20	257.8		8	8	4



Distance: 200.2 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 249.8 ft. Grade: 1
Condition: Roots Fine Joint
Remarks: N/A



Distance: 255.7 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 257.8 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A6-20



PACP Conditions

Pipe Segment Refere... A6-21_A6-20	City Oliver Springs	Street Hen valley	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
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SPRI N/A	MPRI 2.2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey		
QSR N/A	QMR 4123				
OPR 11	Surveyed By Charlie Gordon	Direction Downstream	Date 20150828	Media label	
OPRI 2.2	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 08:41	Weather Dry	
Date Cleaned 20150828			End Time 08:44	Additional Info MANhole A6-20 is bu...	

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	1	1	1	1	1
			2	0	0	2	1	2	2	1	2
			3	0	0	3	0	0	3	0	0
			4	0	0	4	1	4	4	1	4
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	2	4	2	2	4
MWLS	F01	11.8									
			Subtotals	0		Subtotals	5		Subtotals	5	
SUMMARY			Pipe Rating	0		Pipe Rating	11		Overall Pipe Rating	11	
			Structural Index	0		O&M Index	2.2		Overall Index	2.2	
			Str. Quick Rating	0000		O&M Quick Rating	4123		Ovrl. Quick Rating	4123	