



Defect Listing

Pipe Segment Refere... A21-3_A21-2	City Oliver Springs	Street Strutt	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH A21-3	Total Length 218.6	Year Laid	Shape Circular	Location Details	
DS Manhole A21-2	Length surveyed 218.6	Year Renewed	Height 8	Width 8	Pipe Joint... 4

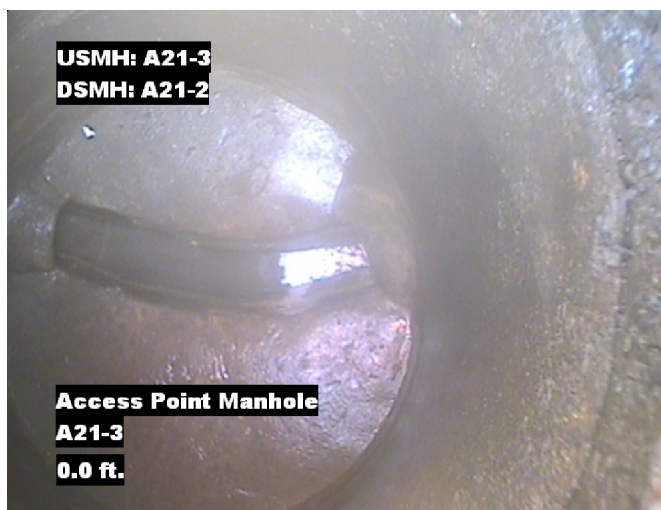
SPR N/A	MPR N/A	PO Number 4397-03	Customer GRW
SPRI N/A	MPRI N/A	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR N/A	QMR N/A		
OPR N/A	Surveyed By Barry Rogers	Direction Downstream	Date 20150804
OPRI N/A	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 09:17
	Date Cleaned 20150804	End Time 09:26	Weather Dry
			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: A21-3									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
32.9 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
98.5 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
217.7 ft.	Water Level				5	<input type="checkbox"/>			
218.6 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A21-2									



Image Report 4/Page

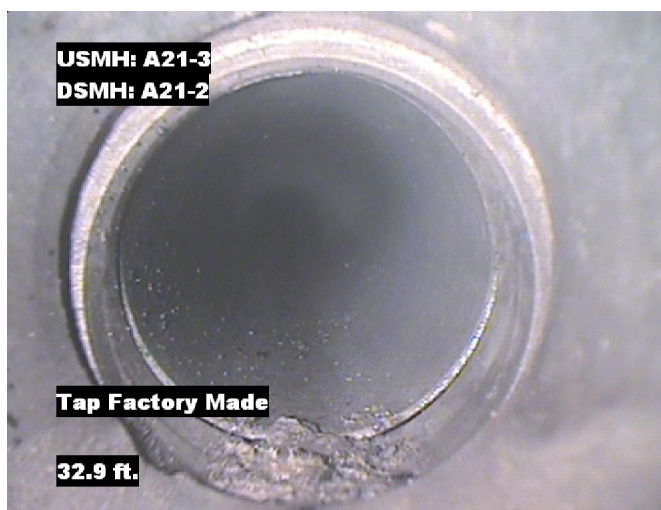
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A21-3_A21-2	Oliver Springs	Strutt	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH A21-3	Total Length 218.6	Year Laid	Shape Circular	Location Details	
DS Manhole A21-2	Length surveyed 218.6	Year Renewed	Height 8	Width 8	Pipe Joint... 4



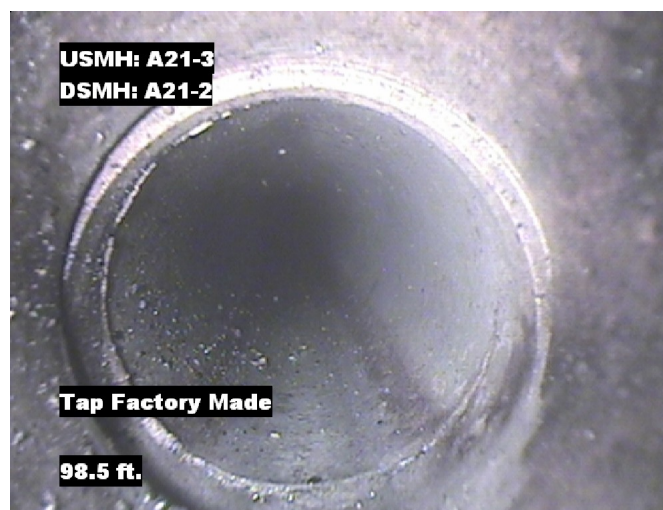
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A21-3



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



Distance: 32.9 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

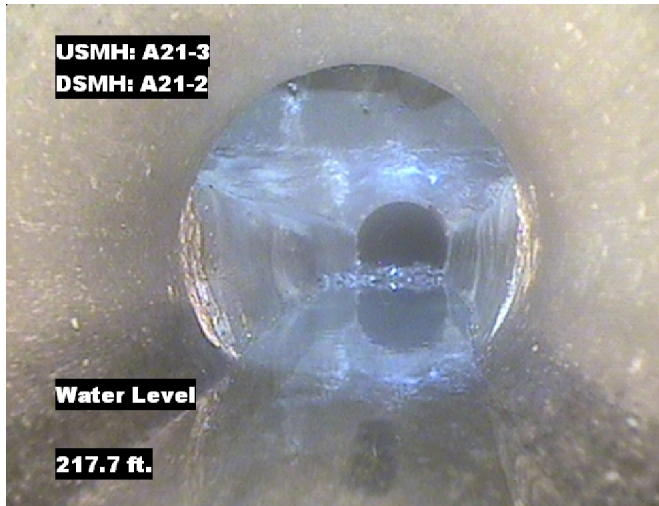


Distance: 98.5 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

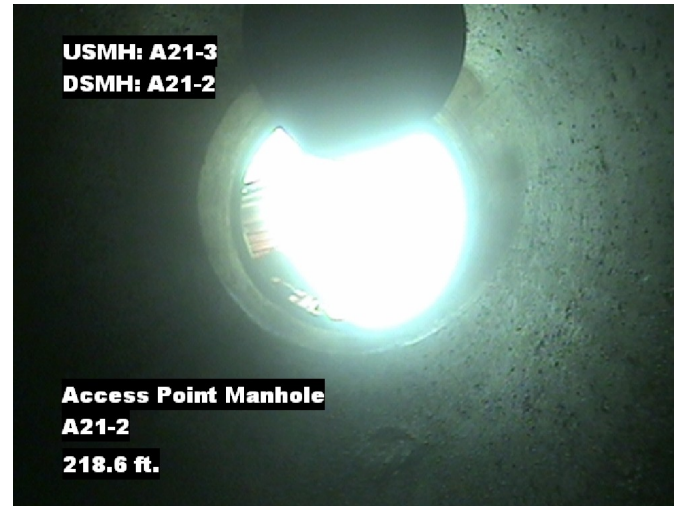


Image Report 4/Page

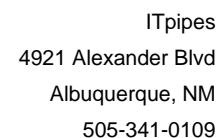
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A21-3_A21-2	Oliver Springs	Strutt	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A21-3	218.6		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A21-2	218.6		8	8	4



Distance: 217.7 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 218.6 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A21-2



Pipe Segment Refere... A21-3_A21-2	City Oliver Springs	Street Strutt	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH A21-3	Total Length 218.6	Year Laid	Shape Circular		Location Details	
DS Manhole A21-2	Length surveyed 218.6	Year Renewed	Height 8	Width 8	Pipe Joint... 4	
SPR N/A	MPR N/A	PO Number 4397-03		Customer GRW		
SPRI N/A	MPRI N/A	Work Order 4397-02		Purpose		
QSR N/A	QMR N/A			Pre-Rehabilitation Survey		
OPR N/A	Surveyed By Barry_Rogers	Direction Downstream	Date 20150804		Media label	
OPRI N/A	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 09:17		Weather Dry	
Date Cleaned 20150804			End Time 09:26		Additional Info	

			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
Normal Defects											
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	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Code	ID	Length									