



Defect Listing

Pipe Segment Refere... E11-1 E4-2	City Oliver Springs	Street midway dr	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH E11-1	Total Length 245.4	Year Laid	Shape Circular	Location Details street	
DS Manhole E4-2	Length surveyed 245.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR N/A	MPR 4	PO Number 4397-03	Customer GRW
SPRI N/A	MPRI 4	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR N/A	QMR 4100		
OPR 4	Surveyed By Barry Rogers	Direction Upstream	Date 20150619
OPRI 4	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 09:14
	Date Cleaned 20150619	End Time 09:31	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	☐			
Remarks: E4-2									
0.0 ft.	Water Level				5	☐			
183.8 ft.	Roots Ball Lateral				55	☐	9		4
183.8 ft.	Tap Factory Made		6		0	☐	9		
243.4 ft.	Water Level				5	☐			
245.4 ft.	Access Point Manhole				0	☐			
Remarks: E11-1									



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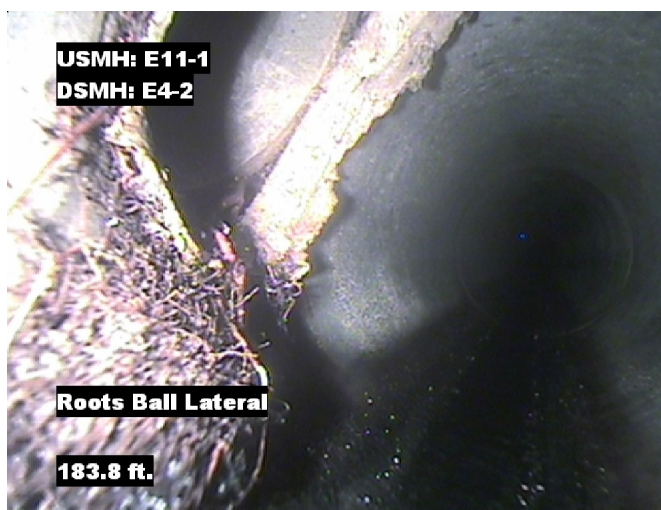
Pipe Segment Refere... E11-1 E4-2	City Oliver Springs	Street midway dr	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH E11-1	Total Length 245.4	Year Laid	Shape Circular		Location Details street	
DS Manhole E4-2	Length surveyed 245.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4	



Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E4-2



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



Distance: 183.8 ft. Grade: 4
Condition: Roots Ball Lateral
Remarks: N/A



Distance: 183.8 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Image Report 4/Page

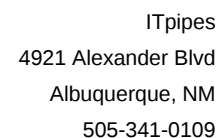
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
E11-1, E4-2	Oliver Springs	midway dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
E11-1	245.4		Circular	street	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
E4-2	245.4		8	8	4



Distance: 243.4 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 245.4 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E11-1



Pipe Segment Refere... E11-1_E4-2	City Oliver Springs	Street midway dr	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH E11-1	Total Length 245.4	Year Laid	Shape Circular		Location Details street	
DS Manhole E4-2	Length surveyed 245.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4	
SPR N/A	MPR 4	PO Number 4397-03		Customer GRW		
SPRI N/A	MPRI 4	Work Order 4397-02		Purpose		
QSR N/A	QMR 4100			Pre-Rehabilitation Survey		
OPR 4	Surveyed By Barry_Rogers	Direction Upstream	Date 20150619		Media label	
OPRI 4	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 09:14		Weather Damp	
Date Cleaned 20150619			End Time 09:31		Additional Info	

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