



Defect Listing

Pipe Segment Refere... E13-1 E12-1	City Oliver Springs	Street Oak Circle	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH E13-1	Total Length 272.1	Year Laid	Shape Circular	Location Details Street	
DS Manhole E12-1	Length surveyed 272.1	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR 2	MPR 4	PO Number 4397-03	Customer GRW
SPRI 2	MPRI 2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 2100	QMR 2200		
OPR 6	Surveyed By Barry Rogers	Direction Downstream	Date 20150609
OPRI 2	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 14:38
	Date Cleaned 20150609	End Time 14:52	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	☐			
Remarks: E13-1									
0.0 ft.	Water Level				5	☐			
147.7 ft.	Water Level Sag				15	☐			2
162.7 ft.	Tap Factory Made		6		0	☐	3		
180.8 ft.	Surface Spalling Other					☐	7	10	2
180.8 ft.	Infiltration Stain					☐	7	9	
246.6 ft.	Water Level Sag				15	☐			2
272.1 ft.	Water Level				10	☐			
272.1 ft.	Access Point Manhole				0	☐			
Remarks: E12-1									

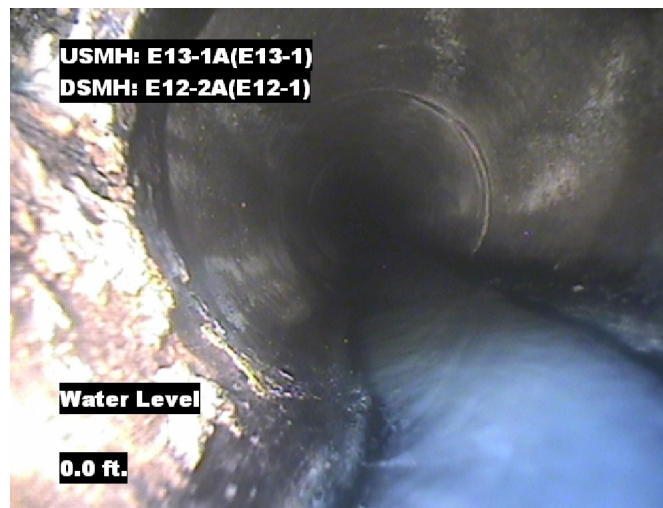


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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
E13-1 E12-1	Oliver Springs	Oak Circle	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
E13-1	272.1		Circular	Street	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
E12-1	272.1		8	8	4



Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E13-1



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



Distance: 147.7 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 162.7 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



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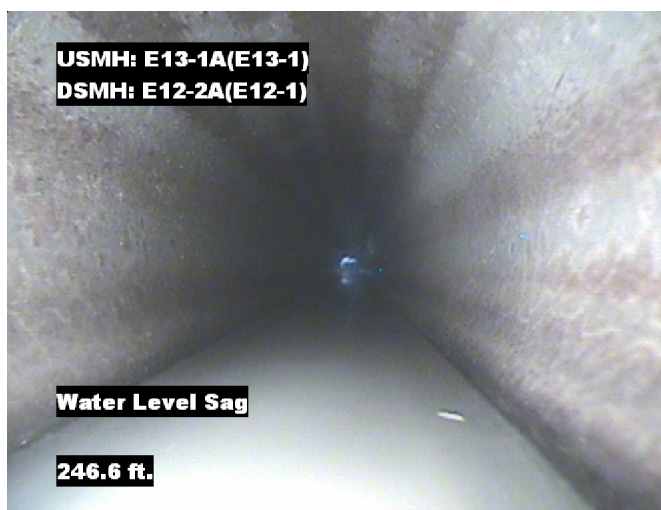
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
E13-1 E12-1	Oliver Springs	Oak Circle	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
E13-1	272.1		Circular	Street	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
E12-1	272.1		8	8	4



Distance: 180.8 ft. Grade: 2
Condition: Surface Spalling Other
Remarks: N/A



Distance: 180.8 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A



Distance: 246.6 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 272.1 ft. Grade: 0
Condition: Water Level
Remarks: N/A

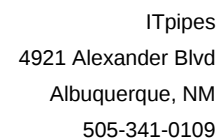


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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
E13-1 E12-1	Oliver Springs	Oak Circle	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
E13-1	272.1		Circular	Street	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
E12-1	272.1		8	8	4



Distance: 272.1 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E12-1



Pipe Segment Refere... E13-1_E12-1	City Oliver Springs	Street Oak Circle	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH E13-1	Total Length 272.1	Year Laid	Shape Circular		Location Details Street	
DS Manhole E12-1	Length surveyed 272.1	Year Renewed	Height 8	Width 8	Pipe Joint... 4	
SPR 2	MPR 4	PO Number 4397-03		Customer GRW		
SPRI 2	MPRI 2	Work Order 4397-02		Purpose		
QSR 2100	QMR 2200			Pre-Rehabilitation Survey		
OPR 6	Surveyed By Barry_Rogers	Direction Downstream	Date 20150609		Media label	
OPRI 2	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 14:38		Weather Dry	
Date Cleaned 20150609		End Time 14:52		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 CodeIDLength			1	0	0	1	0	0	1	0	0
			2	1	2	2	2	4	2	3	6
			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
Subtotals			1		Subtotals	2		Subtotals	3		
SUMMARY			Pipe Rating Structural Index Str. Quick Rating	2 2.0 2100	Pipe Rating O&M Index O&M Quick Rating	4 2.0 2200	Overall Pipe Rating Overall Index Ovrl. Quick Rating	6 2.0 2300			