



## Defect Listing

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D5-2 D5-1	Oliver Springs	Forest AVE	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D5-2	304.6		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D5-1	304.6		8	8	4

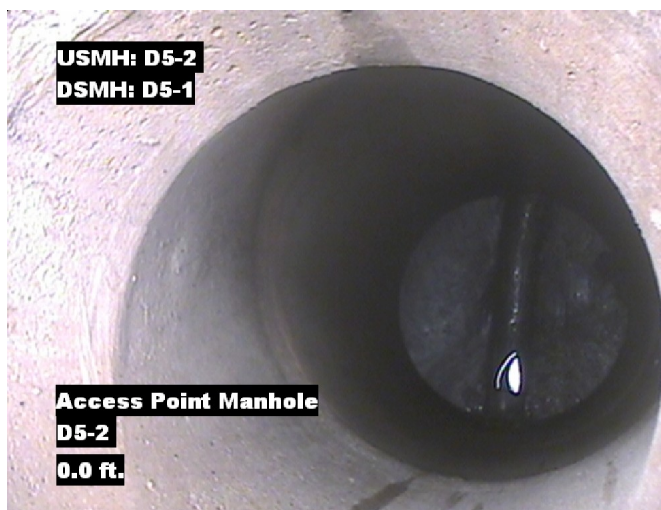
SPR	26	MPR	9	PO Number	Customer
SPRI	2.9	MPRI	4.5	4397-03	GRW
QSR	5141	QMR	5141	Work Order	Purpose
				4397-02	Pre-Rehabilitation Survey
OPR		Surveyed By	Direction	Date	Media label
35		Barry Rogers	Downstream	20150629	
OPRI		Certificate Number	Pre-Cleaning	Time	Weather
3.2		U-1012-16405	Jetting	11:09	Dry
		Date Cleaned		End Time	Additional Info
		20150629		11:42	

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: D5-2									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
38.4 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
82.2 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
110.2 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
117.0 ft.	Fracture Circumferential					<input checked="" type="checkbox"/>	11	1	2
131.3 ft.	Hole				0	<input type="checkbox"/>	12		3
131.6 ft.	Crack Spiral				0	<input type="checkbox"/>	9	3	2
133.8 ft.	Hole Soil Visible				0	<input type="checkbox"/>	12		5
145.3 ft.	Crack Multiple				0	<input type="checkbox"/>	12	4	3
145.3 ft.	Fracture Multiple				0	<input type="checkbox"/>	12	4	4
145.7 ft.	Hole				0	<input type="checkbox"/>	12		3
149.8 ft.	Crack Circumferential				0	<input type="checkbox"/>	10	1	1
149.8 ft.	Roots Ball Connection				55	<input type="checkbox"/>	11		4
150.2 ft.	Crack Multiple				0	<input type="checkbox"/>	9	3	3
160.3 ft.	Deposits Attached Other				45	<input type="checkbox"/>	5	9	5
163.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
207.4 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
297.2 ft.	Water Level				5	<input type="checkbox"/>			
304.6 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D5-1									

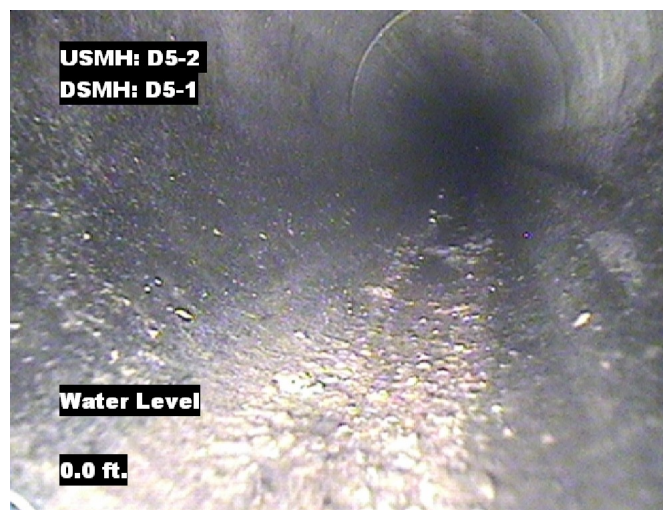


## Image Report 4/Page

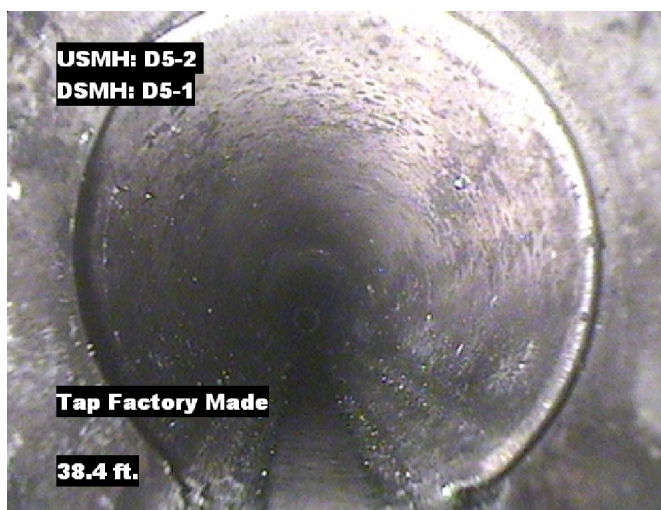
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D5-2 D5-1	Oliver Springs	Forest AVE	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D5-2	304.6		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D5-1	304.6		8	8	4



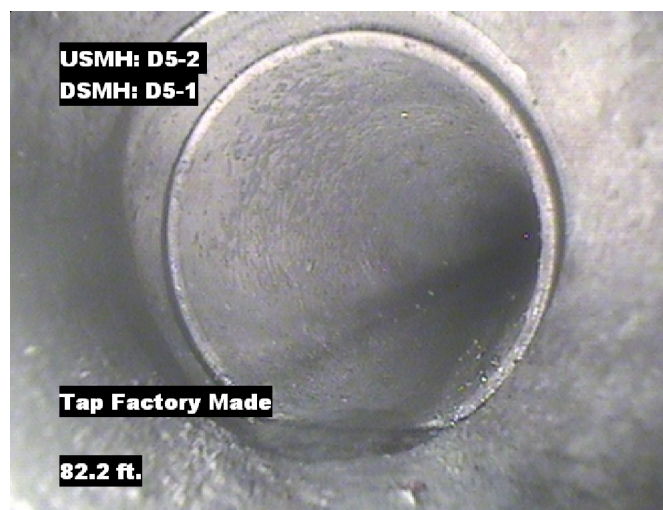
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D5-2



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



Distance: 38.4 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



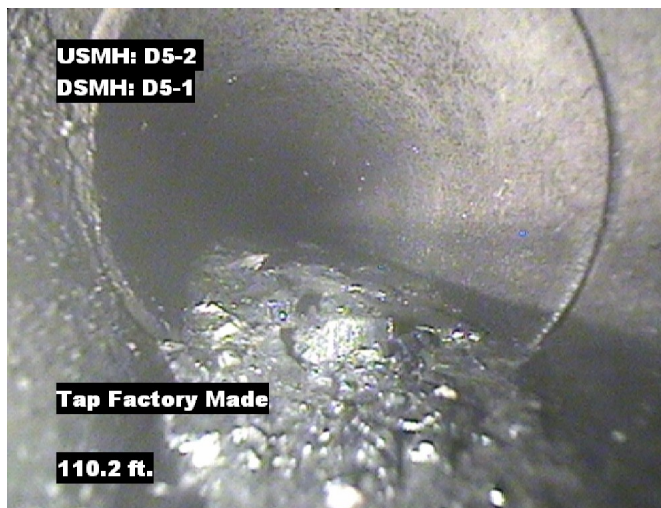
Distance: 82.2 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



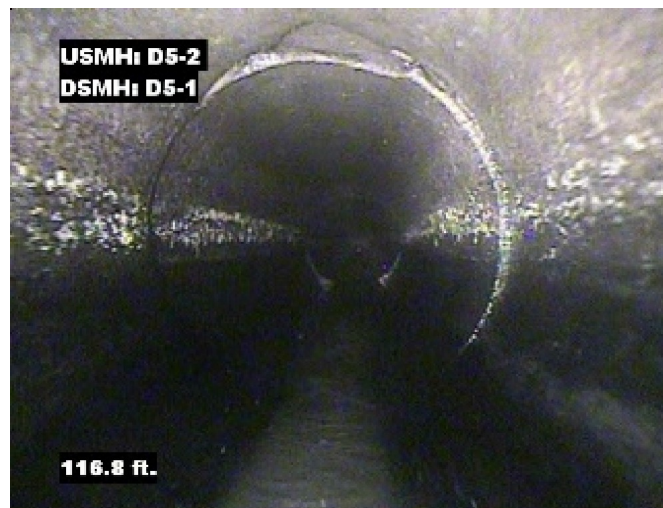


## Image Report 4/Page

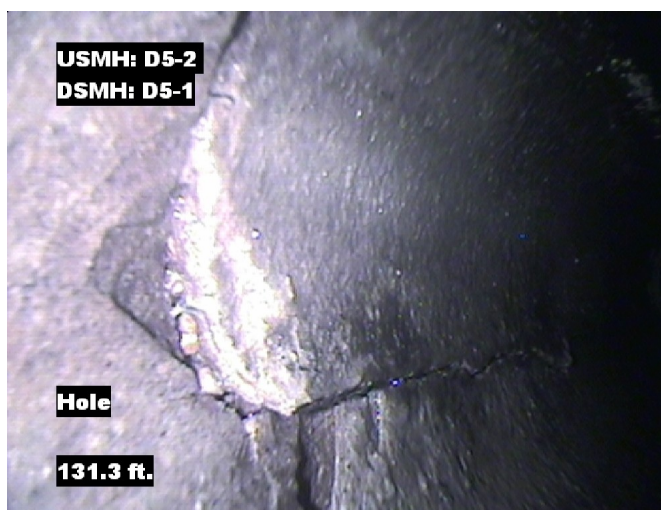
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D5-2_D5-1	Oliver Springs	Forest AVE	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D5-2	304.6		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D5-1	304.6		8	8	4



Distance: 110.2 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 117.0 ft. Grade: 2  
Condition: Fracture Circumferential  
Remarks: N/A



Distance: 131.3 ft. Grade: 3  
Condition: Hole  
Remarks: N/A



Distance: 131.6 ft. Grade: 2  
Condition: Crack Spiral  
Remarks: N/A

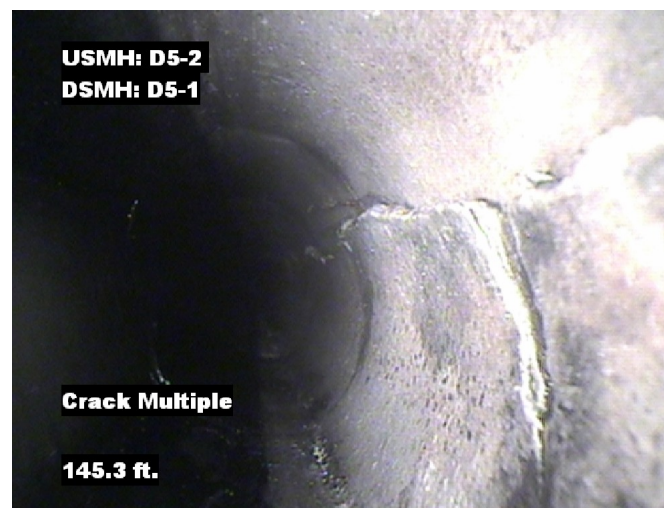


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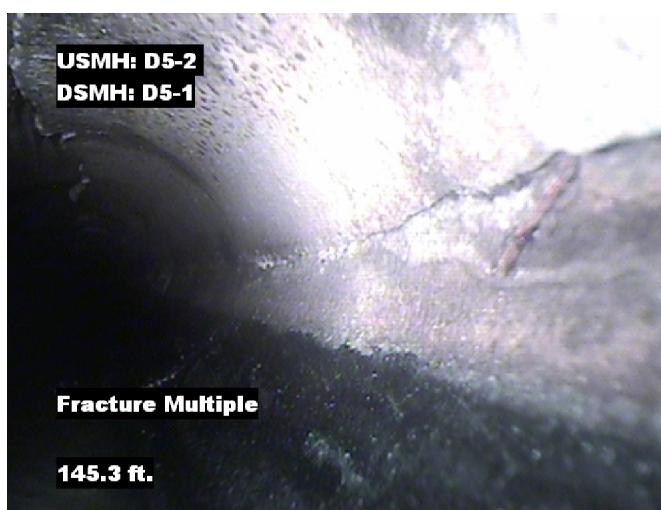
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D5-2 D5-1	Oliver Springs	Forest AVE	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D5-2	304.6		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D5-1	304.6		8	8	4



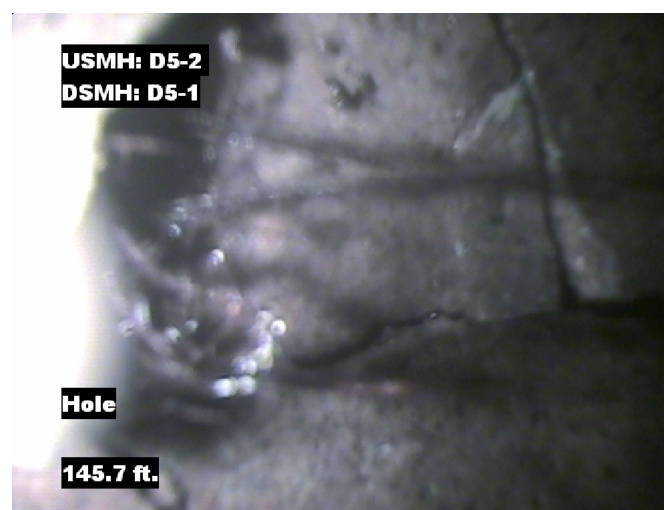
Distance: 133.8 ft. Grade: 5  
Condition: Hole Soil Visible  
Remarks: N/A



Distance: 145.3 ft. Grade: 3  
Condition: Crack Multiple  
Remarks: N/A



Distance: 145.3 ft. Grade: 4  
Condition: Fracture Multiple  
Remarks: N/A



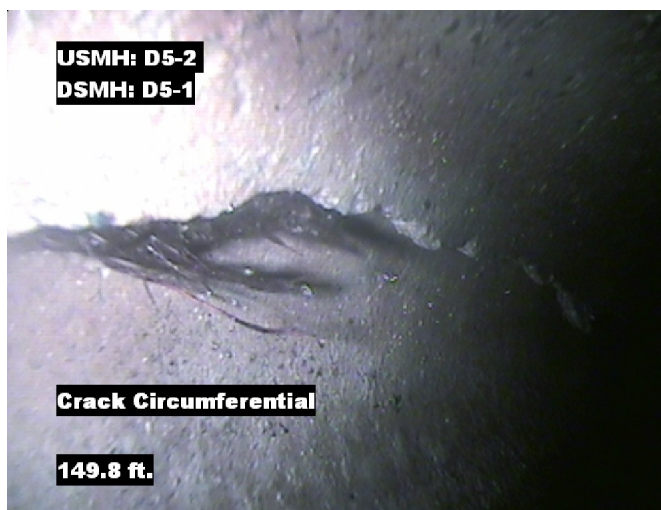
Distance: 145.7 ft. Grade: 3  
Condition: Hole  
Remarks: N/A



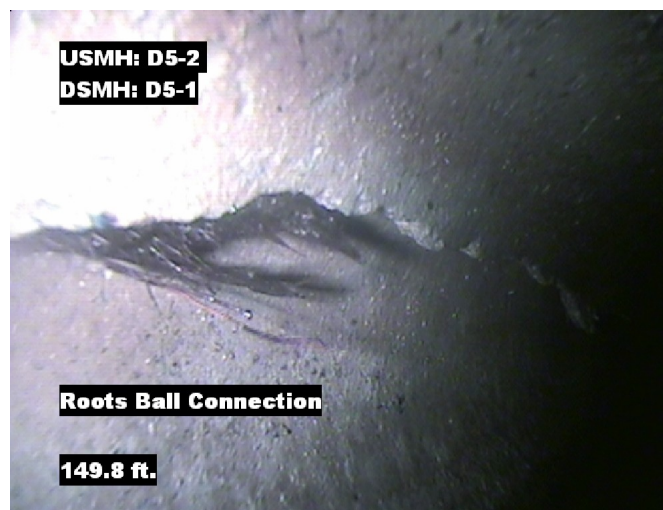


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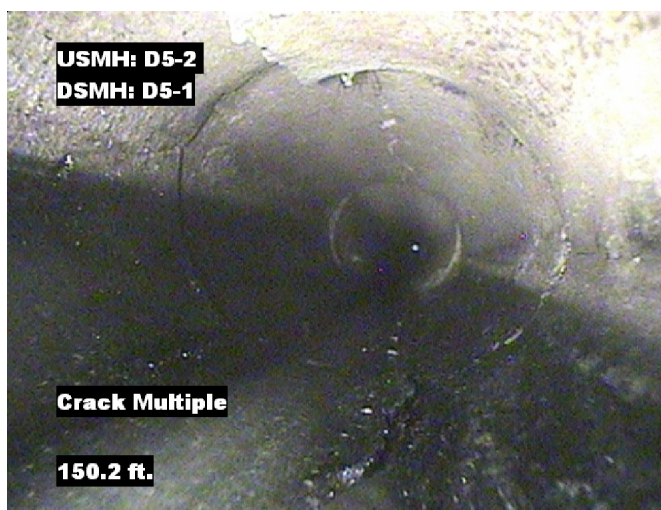
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
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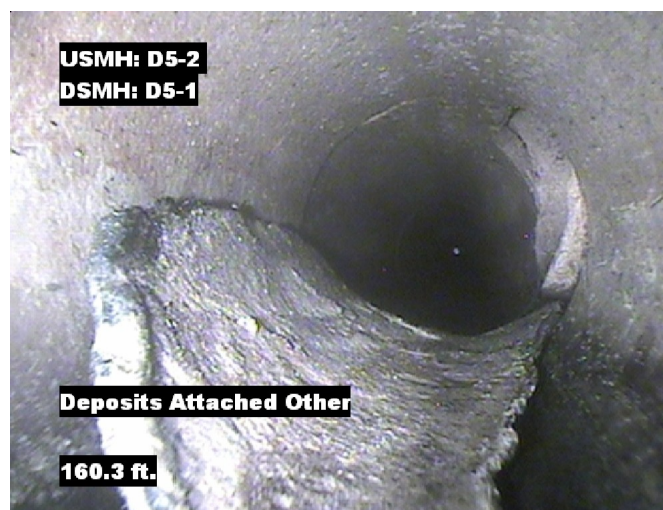
Distance: 149.8 ft. Grade: 1  
Condition: Crack Circumferential  
Remarks: N/A



Distance: 149.8 ft. Grade: 4  
Condition: Roots Ball Connection  
Remarks: N/A



Distance: 150.2 ft. Grade: 3  
Condition: Crack Multiple  
Remarks: N/A



Distance: 160.3 ft. Grade: 5  
Condition: Deposits Attached Other  
Remarks: N/A

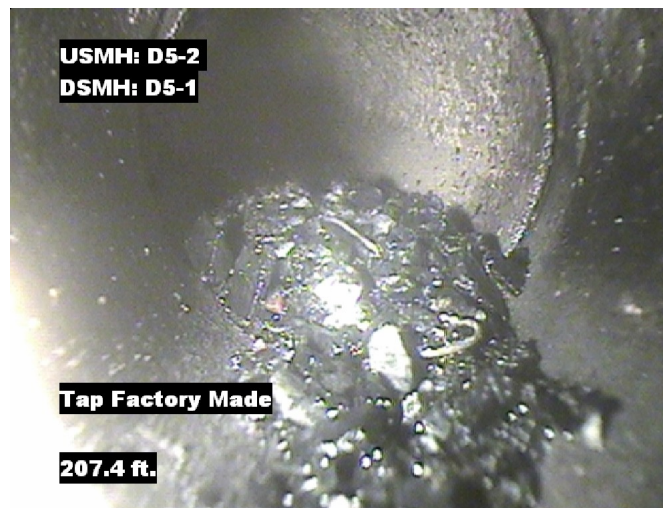


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D5-2_D5-1	Oliver Springs	Forest AVE	Concrete Pipe (non-...	Light High...	Sanitary
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D5-2	304.6		Circular		
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D5-1	304.6		8	8	4



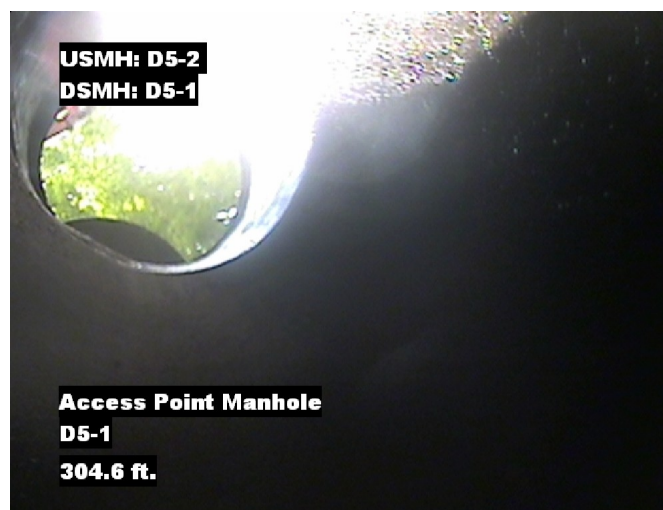
Distance: 163.6 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 207.4 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 297.2 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 304.6 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D5-1





Pipe Segment Refere... D5-2_D5-1	City Oliver Springs	Street Forest AVE	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH D5-2	Total Length 304.6	Year Laid	Shape Circular		Location Details	
DS Manhole D5-1	Length surveyed 304.6	Year Renewed	Height 8	Width 8	Pipe Joint... 4	
SPR 26	MPR 9	PO Number 4397-03		Customer GRW		
SPRI 2.9	MPRI 4.5	Work Order		Purpose		
QSR 5141	QMR 5141	4397-02		Pre-Rehabilitation Survey		
OPR 35	Surveyed By Barry_Rogers	Direction Downstream	Date 20150629		Media label	
OPRI 3.2	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 11:09		Weather Dry	
Date Cleaned 20150629			End Time 11:42		Additional Info	

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