



Defect Listing

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D-19_D-18	Oliver Springs	clowers Ln	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D-19	147.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D-18	147.8		8	8	4

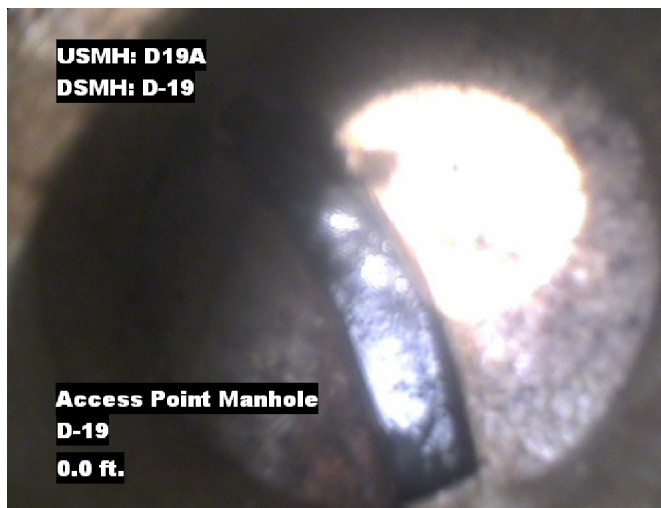
SPR	N/A	MPR	50	PO Number	Customer
SPRI	N/A	MPRI	2.1	4397-03	GRW
QSR	N/A	QMR	412C	Work Order	Purpose
				4397-02	Pre-Rehabilitation Survey
OPR	Surveyed By	Direction	Date	Media label	
50	Barry Rogers	Upstream	20150625		
OPRI	Certificate Number	Pre-Cleaning	Time	Weather	
2.1	U-1012-16405	Jetting	13:19	Dry	
Date Cleaned			End Time	Additional Info	
20150625			13:35		

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: D-19									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
11.5 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
32.4 ft.	Water Level Sag	S01			15	<input type="checkbox"/>			2
45.9 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
126.8 ft.	Camera Underwater				0	<input type="checkbox"/>			4
143.2 ft.	Water Level				70	<input type="checkbox"/>			
145.9 ft.	Water Level Sag	F01			15	<input type="checkbox"/>			2
146.8 ft.	Water Level				10	<input type="checkbox"/>			
147.8 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D19A									

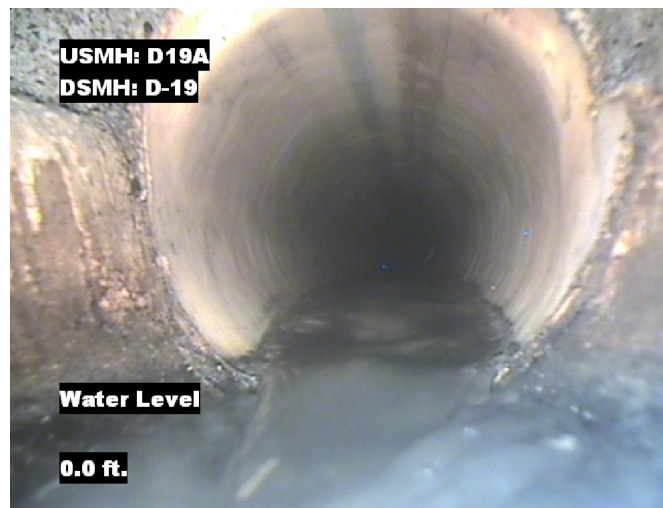


Image Report 4/Page

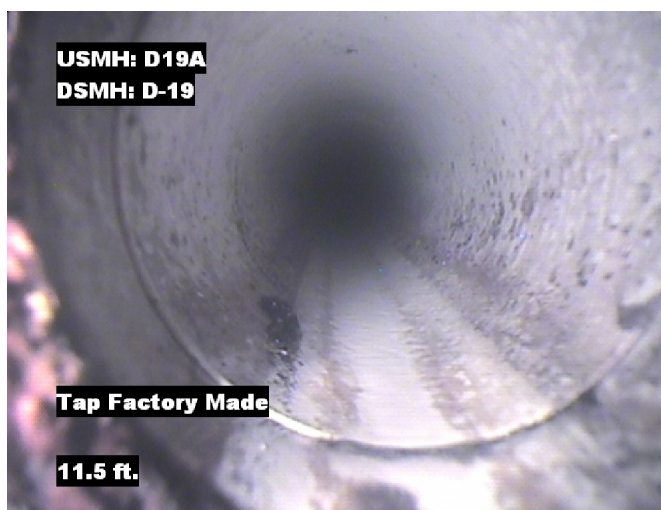
Pipe Segment Refere... D-19_D-18	City Oliver Springs	Street clowers Ln	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH D-19	Total Length 147.8	Year Laid	Shape Circular		Location Details	
DS Manhole D-18	Length surveyed 147.8	Year Renewed	Height 8	Width 8	Pipe Joint... 4	



Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D-19



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



Distance: 11.5 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 32.4 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D-19_D-18	Oliver Springs	clowers Ln	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D-19	147.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D-18	147.8		8	8	4



Distance: 45.9 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 126.8 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A



Distance: 143.2 ft. Grade: 0
Condition: Water Level
Remarks: N/A

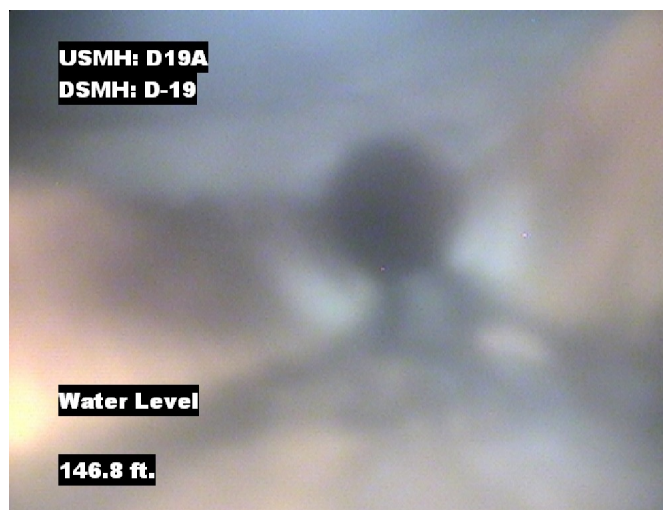


Distance: 145.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

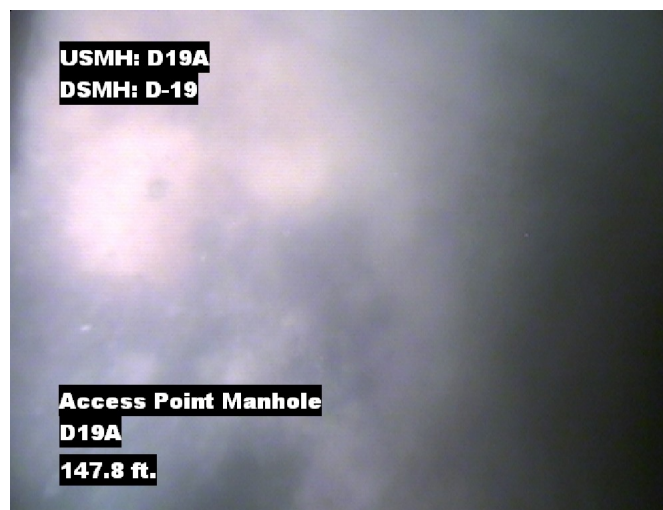


Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D-19_D-18	Oliver Springs	clowers Ln	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D-19	147.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D-18	147.8		8	8	4



Distance: 146.8 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 147.8 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D19A



Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D-19_D-18	Oliver Springs	clowers Ln	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D-19	147.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D-18	147.8		8	8	4
SPR	N/A	MPR	50	Customer	
SPRI	N/A	MPRI	2.1	GRW	
QSR	N/A	QMR	412C	Purpose	
				Pre-Rehabilitation Survey	
OPR	Surveyed By	Direction	Date	Media label	
50	Barry_Rogers	Upstream	20150625		
OPRI	Certificate Number	Pre-Cleaning	Time	Weather	
2.1	U-1012-16405	Jetting	13:19	Dry	
Date Cleaned			End Time	Additional Info	
20150625			13:35		

			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	1	4	4	1	4
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	23	46	2	23	46
MWLS	F01	113.5									
			Subtotals	0		Subtotals	24		Subtotals	24	
SUMMARY			Pipe Rating	0		Pipe Rating	50		Overall Pipe Rating	50	
			Structural Index	0		O&M Index	2.1		Overall Index	2.1	
			Str. Quick Rating	0000		O&M Quick Rating	412C		Ovrl. Quick Rating	412C	