



Defect Listing

Pipe Segment Refere... A44-5A_A44-5	City Oliver Springs	Street 632 Hen Valley Rd.	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH A44-5A	Total Length 307	Year Laid	Shape Circular	Location Details Burried in road not...	
DS Manhole A44-5	Length surveyed 307	Year Renewed	Height 8	Width 8	Pipe Joint... 4

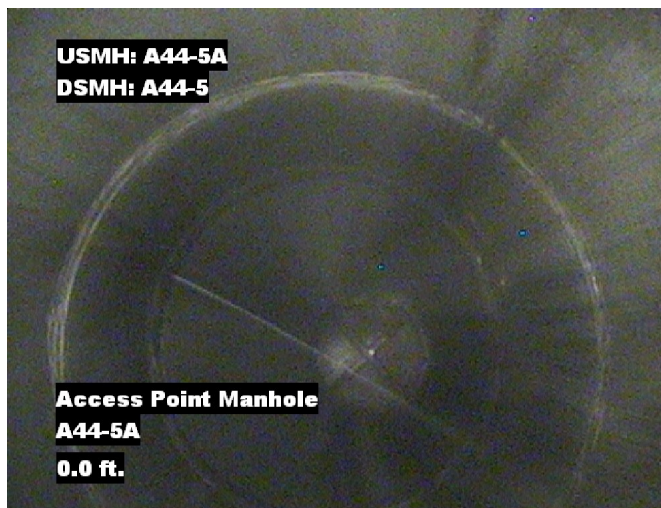
SPR 180	MPR 9	PO Number 4397-03	Customer GRW
SPRI 3	MPRI 4.5	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 3K00	QMR 5141		
OPR 189	Surveyed By Dustin	Direction Downstream	Date 20150807
OPRI 3	Certificate Number U-214-06020262	Pre-Cleaning Jetting	Time 10:38
	Date Cleaned 20150807	End Time 10:59	Weather Dry
			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	<input type="checkbox"/>			
Remarks: A44-5A									
0.0 ft.	Water Level				15	<input type="checkbox"/>			
0.0 ft.	Infiltration Gusher				0	<input checked="" type="checkbox"/>	3		5
1.4 ft.	Infiltration Runner				0	<input checked="" type="checkbox"/>	3	12	4
3.5 ft.	Surface Aggregate Visible	S01			0	<input type="checkbox"/>	8	4	3
22.3 ft.	Water Level				10	<input type="checkbox"/>			
37.4 ft.	Tap Factory Made		4		0	<input checked="" type="checkbox"/>	12		
139.5 ft.	Tap Factory Made		4		0	<input checked="" type="checkbox"/>	12		
150.0 ft.	Water Level				10	<input type="checkbox"/>			
222.0 ft.	Tap Factory Made		4		0	<input checked="" type="checkbox"/>	3		
305.0 ft.	Surface Aggregate Visible	F01			0	<input type="checkbox"/>	8	4	3
305.0 ft.	Water Level				5	<input type="checkbox"/>			
307.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A44-5									

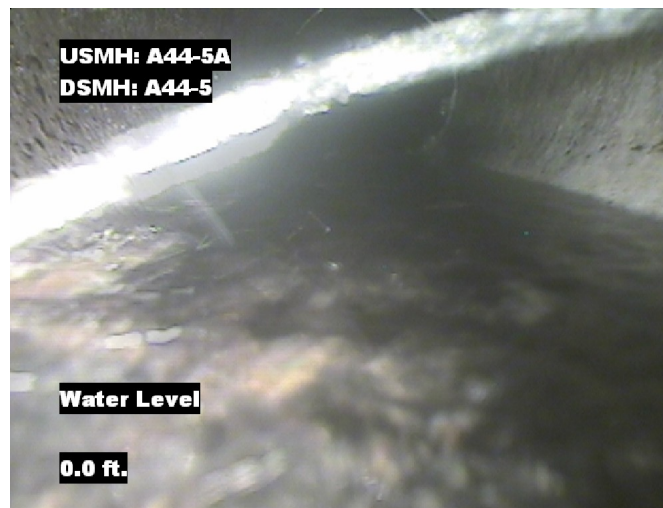


Image Report 4/Page

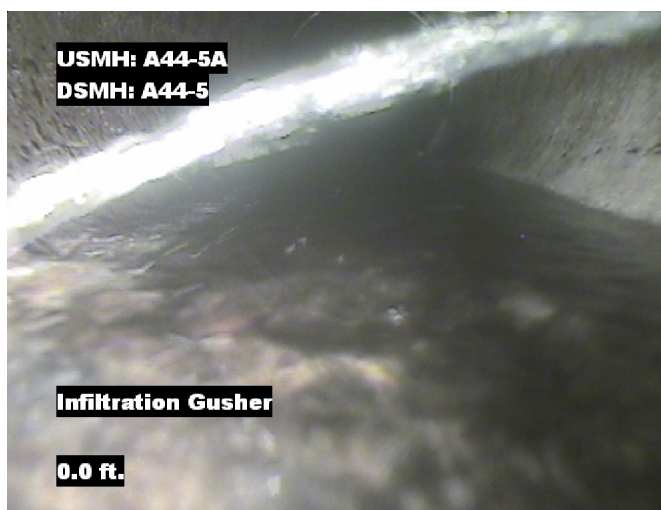
Pipe Segment Refere... A44-5A_A44-5	City Oliver Springs	Street 632 Hen Valley Rd.	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH A44-5A	Total Length 307	Year Laid	Shape Circular		Location Details Burried in road not...	
DS Manhole A44-5	Length surveyed 307	Year Renewed	Height 8	Width 8	Pipe Joint... 4	



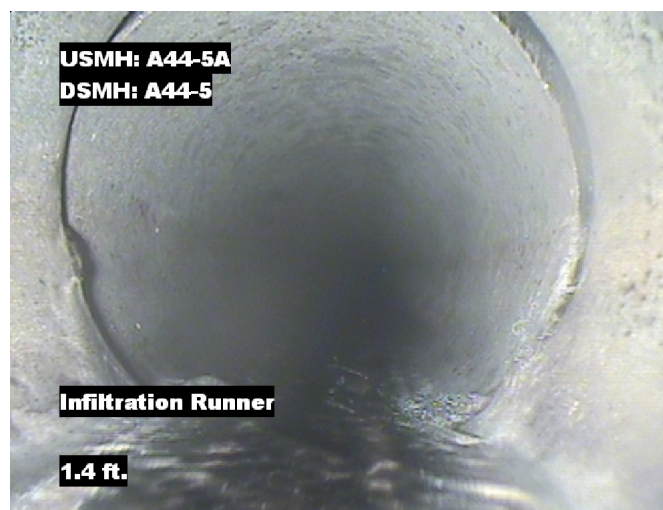
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A44-5A



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



Distance: 0.0 ft. Grade: 5
Condition: Infiltration Gusher
Remarks: N/A

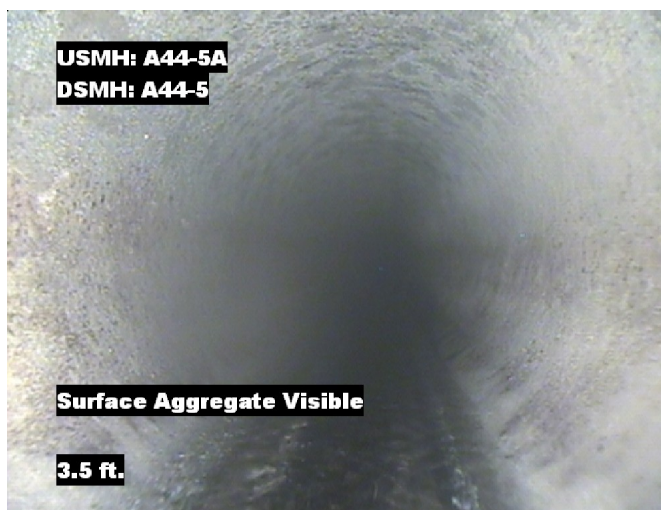


Distance: 1.4 ft. Grade: 4
Condition: Infiltration Runner
Remarks: N/A



Image Report 4/Page

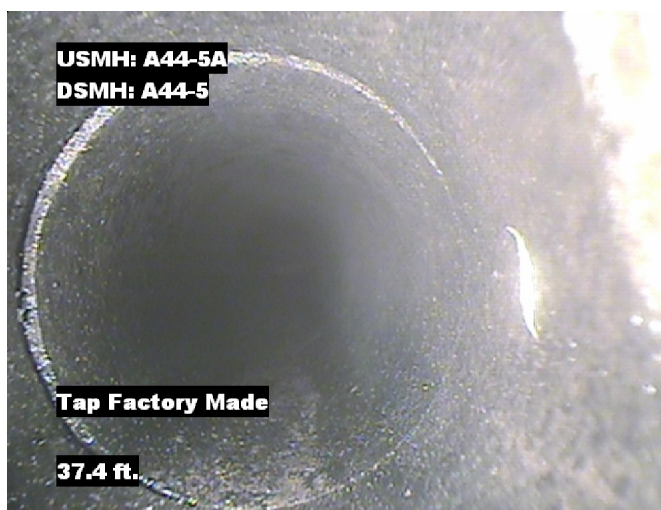
Pipe Segment Refere... A44-5A_A44-5	City Oliver Springs	Street 632 Hen Valley Rd.	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH A44-5A	Total Length 307	Year Laid	Shape Circular		Location Details Burried in road not...	
DS Manhole A44-5	Length surveyed 307	Year Renewed	Height 8	Width 8	Pipe Joint... 4	



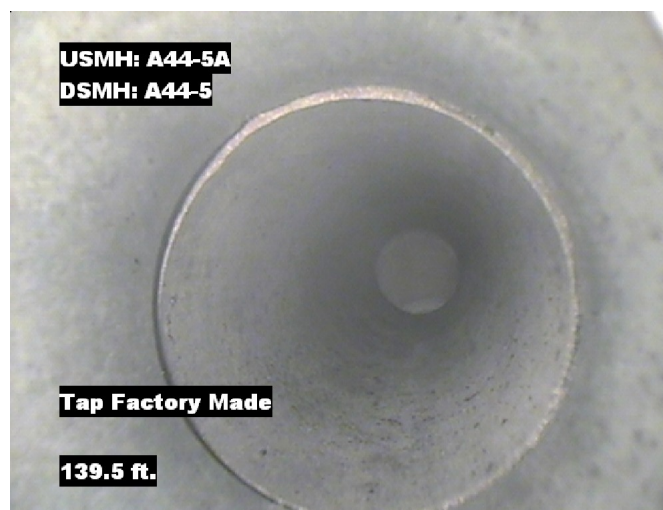
Distance: 3.5 ft. Grade: 3
Condition: Surface Aggregate Visible
Remarks: N/A



Distance: 22.3 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 37.4 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

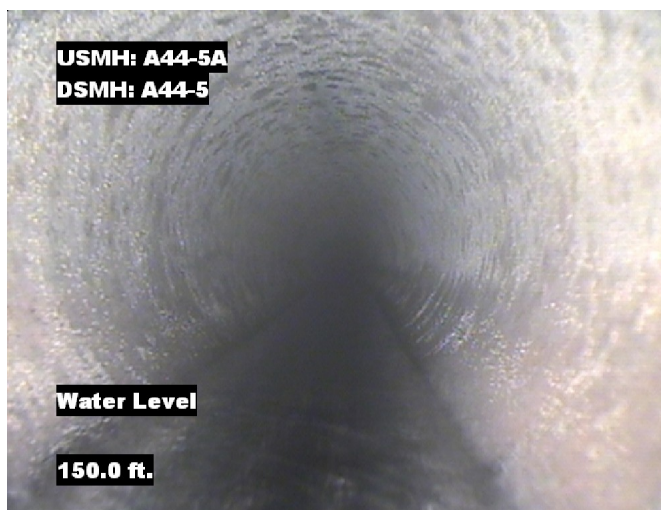


Distance: 139.5 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

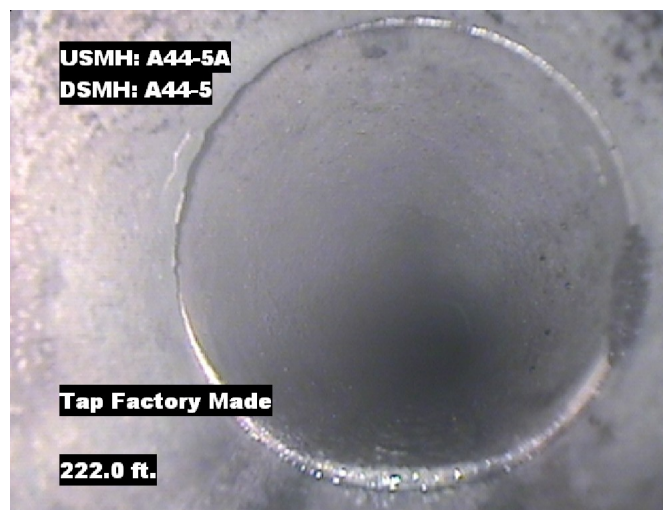


Image Report 4/Page

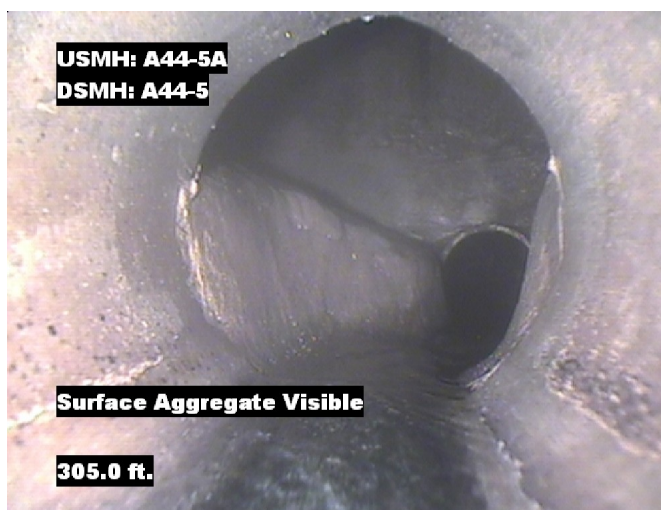
Pipe Segment Refere... A44-5A_A44-5	City Oliver Springs	Street 632 Hen Valley Rd.	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH A44-5A	Total Length 307	Year Laid	Shape Circular		Location Details Burried in road not...	
DS Manhole A44-5	Length surveyed 307	Year Renewed	Height 8	Width 8	Pipe Joint... 4	



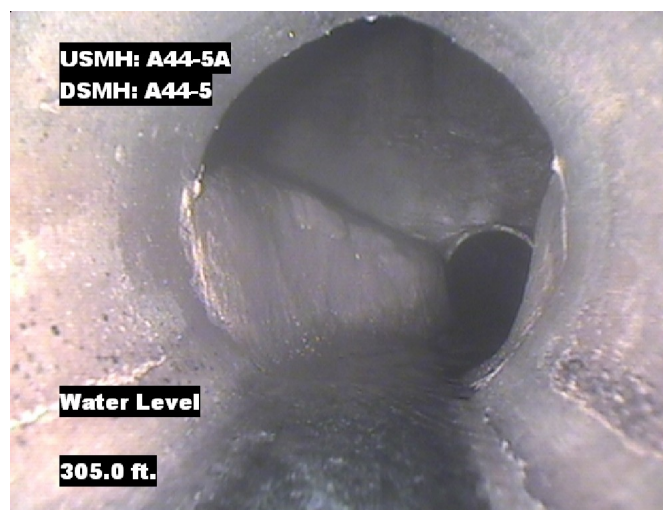
Distance: 150.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 222.0 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 305.0 ft. Grade: 3
Condition: Surface Aggregate Visible
Remarks: N/A



Distance: 305.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A44-5A_A44-5	Oliver Springs	632 Hen Valley Rd.	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A44-5A	307		Circular	Burried in road not...	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A44-5	307		8	8	4



Distance: 307.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A44-5



PACP Conditions

Pipe Segment Refere... A44-5A_A44-5	City Oliver Springs	Street 632 Hen Valley Rd.	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH A44-5A	Total Length 307	Year Laid	Shape Circular	Location Details Burried in road not...	
DS Manhole A44-5	Length surveyed 307	Year Renewed	Height 8	Width 8	Pipe Joint... 4
SPR 180	MPR 9	PO Number 4397-03		Customer GRW	
SPRI 3	MPRI 4.5	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR 3K00	QMR 5141	Direction Downstream	Date 20150807	Media label	
OPR 189	Surveyed By Dustin	Pre-Cleaning Jetting	Time 10:38	Weather Dry	
OPRI 3	Certificate Number U-214-06020262		End Time 10:59	Additional Info	
Date Cleaned 20150807					

Normal Defects			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
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	1	5	5	1	5
Code	ID	Length	3	60	180	0	0	0	3	60	180
SAV	F01	301.5									
			Subtotals	60		Subtotals	2		Subtotals	62	
SUMMARY			Pipe Rating	180		Pipe Rating	9		Overall Pipe Rating	189	
			Structural Index	3.0		O&M Index	4.5		Overall Index	3.0	
			Str. Quick Rating	3K00		O&M Quick Rating	5141		Ovrl. Quick Rating	5141	