



Defect Listing

Pipe Segment Refere... A44-2_A6-17	City Oliver Springs	Street Hen Valley Rd.	Material Concrete Pipe (non-...	Location C... Yard	Sewer Use Sanitary
Upstream MH A44-2	Total Length 110.4	Year Laid	Shape Circular	Location Details	
DS Manhole A6-17	Length surveyed 110.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4

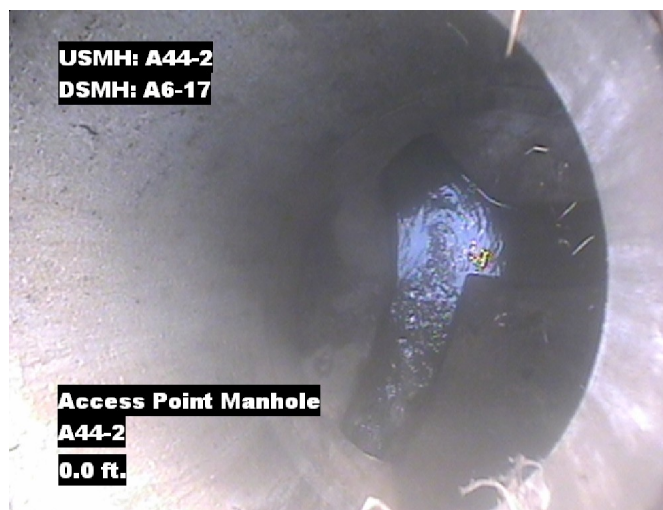
SPR 6	MPR 16	PO Number 4397-03	Customer GRW
SPRI 3	MPRI 2.7	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 4121	QMR 4132		
OPR 22	Surveyed By Charlie Gordon	Direction Downstream	Date 20150827
OPRI 2.8	Certificate Number U-615-07000491	Pre-Cleaning No Pre-Cleaning	Time 14:51
	Date Cleaned	End Time 15:06	Weather Dry
		Additional Info DOWNSTREAM MANHOLE	

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: A44-2									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
33.9 ft.	Deposits Ingressed Fine				5	<input checked="" type="checkbox"/>	8		2
37.8 ft.	Water Level Sag	S01			40	<input type="checkbox"/>			3
40.0 ft.	Camera Underwater				0	<input type="checkbox"/>			4
46.7 ft.	Deposits Ingressed Fine				5	<input checked="" type="checkbox"/>	8		2
48.7 ft.	Tap Factory Made Active		6		0	<input checked="" type="checkbox"/>	9		
48.7 ft.	Water Level Sag	F01			40	<input type="checkbox"/>			3
49.3 ft.	Water Level				10	<input type="checkbox"/>			
52.0 ft.	Tap Factory Made		6		0	<input checked="" type="checkbox"/>	3		
58.9 ft.	Fracture Multiple				0	<input type="checkbox"/>	10	11	4
67.9 ft.	Deposits Ingressed Fine				5	<input checked="" type="checkbox"/>	8		2
92.6 ft.	Fracture Circumferential				0	<input checked="" type="checkbox"/>	11	12	2
108.6 ft.	Water Level				5	<input type="checkbox"/>			
110.4 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A6-17									

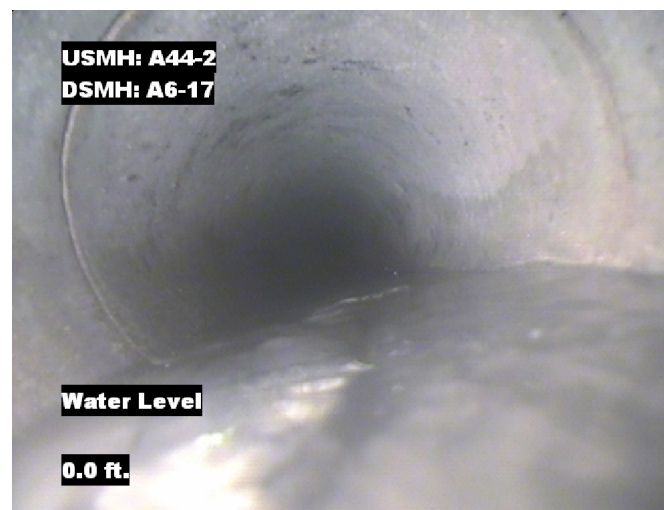


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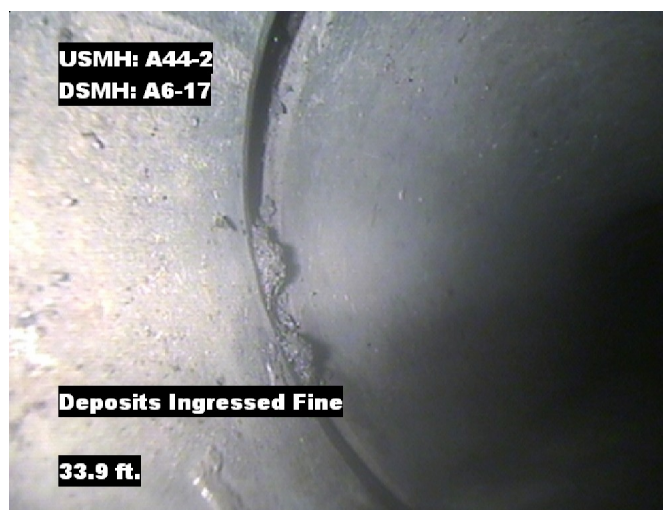
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A44-2_A6-17	Oliver Springs	Hen Valley Rd.	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A44-2	110.4		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A6-17	110.4		8	8	4



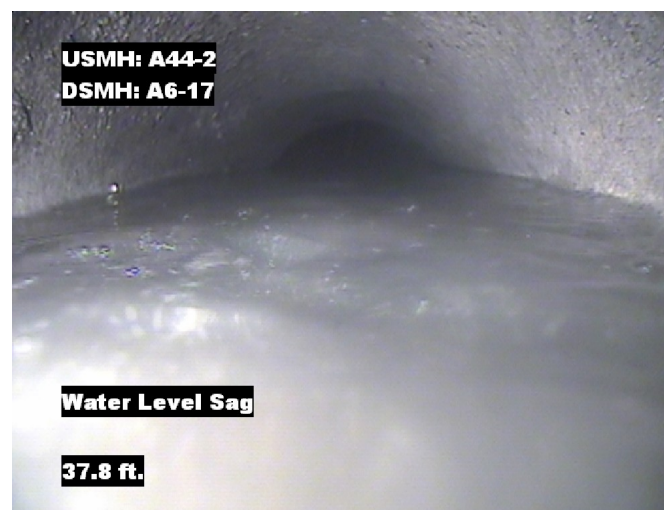
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A44-2



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



Distance: 33.9 ft. Grade: 2
Condition: Deposits Ingressed Fine
Remarks: N/A



Distance: 37.8 ft. Grade: 3
Condition: Water Level Sag
Remarks: N/A



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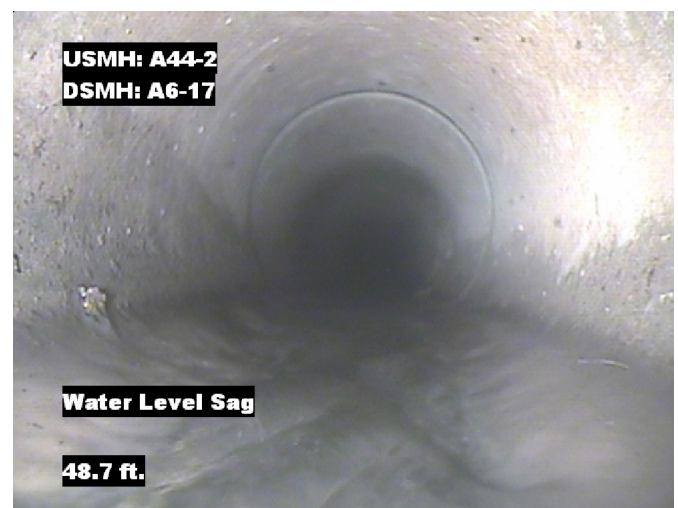
Distance: 40.0 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A



Distance: 46.7 ft. Grade: 2
Condition: Deposits Ingressed Fine
Remarks: N/A



Distance: 48.7 ft. Grade: 0
Condition: Tap Factory Made Active
Remarks: N/A

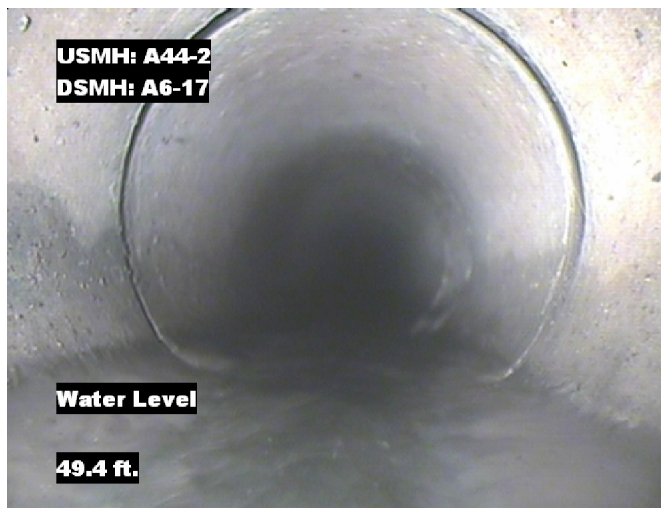


Distance: 48.7 ft. Grade: 3
Condition: Water Level Sag
Remarks: N/A



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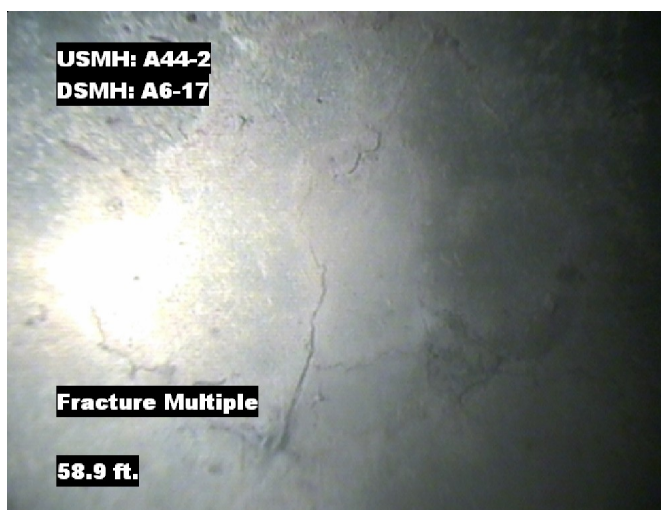
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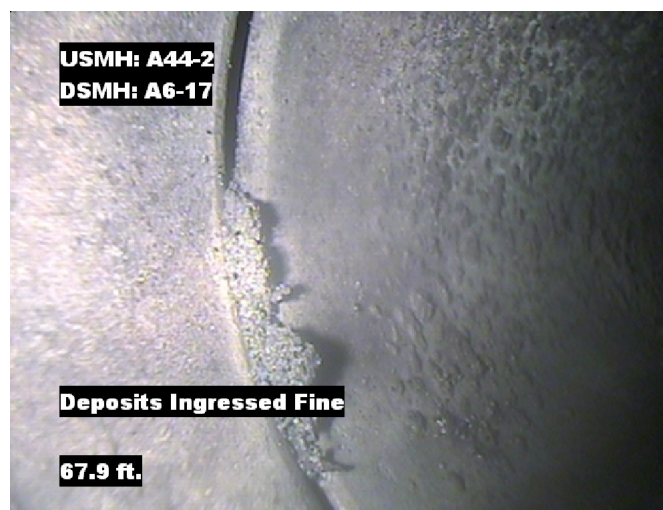
Distance: 49.3 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 52.0 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 58.9 ft. Grade: 4
Condition: Fracture Multiple
Remarks: N/A

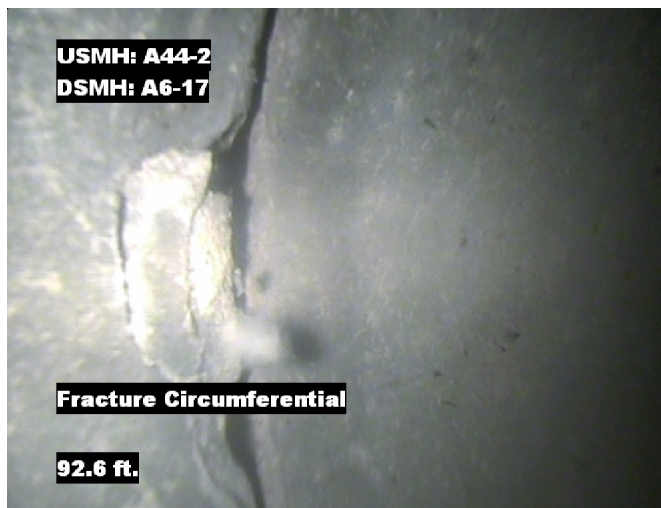


Distance: 67.9 ft. Grade: 2
Condition: Deposits Ingressed Fine
Remarks: N/A



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Distance: 92.6 ft. Grade: 2
Condition: Fracture Circumferential
Remarks: N/A



Distance: 108.6 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 110.4 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A6-17



PACP Conditions

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OPRI 2.8	Certificate Number U-615-07000491	Date Cleaned		Weather Dry	
			End Time 15:06		Additional Info DOWNSTREAM MANHOLE...

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	1	2	2	3	6	2	4	8
			3	0	0	3	0	0	3	0	0
			4	1	4	4	1	4	4	2	8
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	3	2	6	3	2	6
MWLS	F01	10.9									
			Subtotals	2		Subtotals	6		Subtotals	8	
SUMMARY			Pipe Rating	6		Pipe Rating	16		Overall Pipe Rating	22	
			Structural Index	3.0		O&M Index	2.7		Overall Index	2.8	
			Str. Quick Rating	4121		O&M Quick Rating	4132		Ovrl. Quick Rating	4232	