



Defect Listing

Pipe Segment Refere... A3-2_A3-1	City Oliver Springs	Street Burney Dr.	Material Concrete Pipe (non-...	Location C... Yard	Sewer Use Sanitary
Upstream MH A3-2	Total Length 209.2	Year Laid	Shape Circular	Location Details	
DS Manhole A3-1	Length surveyed 209.2	Year Renewed	Height 8	Width 8	Pipe Joint... 4

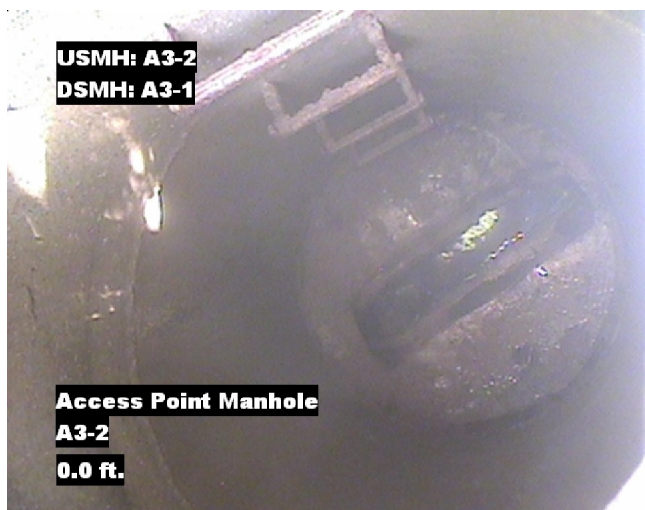
SPR 3	MPR 35	PO Number 4397-03	Customer GRW
SPRI 1.5	MPRI 1.9	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 2111	QMR 2B11		
OPR 38	Surveyed By Charlie Gordon	Direction Downstream	Date 20150831
OPRI 1.9	Certificate Number U-615-07000491	Pre-Cleaning No Pre-Cleaning	Time 14:28
	Date Cleaned	End Time 14:50	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	<input type="checkbox"/>			
Remarks: A3-2									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
3.0 ft.	Fracture Circumferential				0	<input type="checkbox"/>	3	9	2
3.0 ft.	Infiltration Stain				0	<input type="checkbox"/>	7	9	
8.0 ft.	Water Level Sag	S01			15	<input type="checkbox"/>			2
10.7 ft.	Deposits Settled Compacted				10	<input type="checkbox"/>	6		2
28.1 ft.	Water Level Sag	F01			15	<input type="checkbox"/>			2
28.2 ft.	Water Level				5	<input type="checkbox"/>			
35.3 ft.	Deposits Ingressed Fine				10	<input type="checkbox"/>	3	9	2
65.8 ft.	Tap Factory Made		6		0	<input checked="" type="checkbox"/>	9		
69.2 ft.	Water Level Sag	S02			10	<input type="checkbox"/>			2
77.0 ft.	Water Level Sag	F02			10	<input type="checkbox"/>			2
77.0 ft.	Water Level				5	<input type="checkbox"/>			
88.0 ft.	Water Level Sag	S03			10	<input type="checkbox"/>			2
93.4 ft.	Water Level Sag	F03			10	<input type="checkbox"/>			2
93.4 ft.	Water Level				5	<input type="checkbox"/>			
94.6 ft.	Tap Factory Made		6		0	<input checked="" type="checkbox"/>	9		
112.6 ft.	Water Level Sag	S04			10	<input type="checkbox"/>			2
120.1 ft.	Water Level Sag	F04			10	<input type="checkbox"/>			2
120.1 ft.	Water Level				5	<input type="checkbox"/>			
121.2 ft.	Deposits Ingressed Fine				5	<input checked="" type="checkbox"/>	9	9	2
176.3 ft.	Tap Factory Made		6		0	<input checked="" type="checkbox"/>	9		
176.3 ft.	Water Level Sag	S05			10	<input type="checkbox"/>			2
194.3 ft.	Water Level Sag	F05			15	<input type="checkbox"/>			2
194.3 ft.	Water Level				5	<input type="checkbox"/>			
206.9 ft.	Water Level				10	<input type="checkbox"/>			
206.9 ft.	Deposits Attached Ragging				5	<input type="checkbox"/>	6		2
206.9 ft.	Joint Angular Medium				0	<input type="checkbox"/>			1
207.3 ft.	Alignment Right				5	<input type="checkbox"/>			1
208.9 ft.	Tap Factory Made		6		0	<input checked="" type="checkbox"/>	9		
209.2 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A3-1									

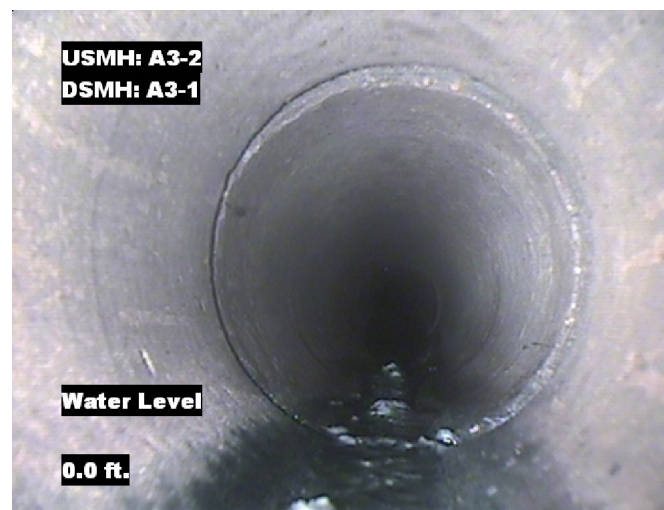


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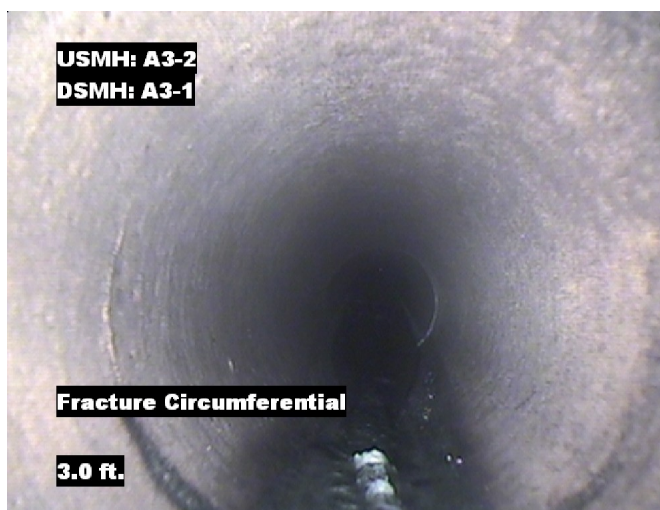
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-2_A3-1	Oliver Springs	Burney Dr.	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A3-2	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-1	209.2		8	8	4



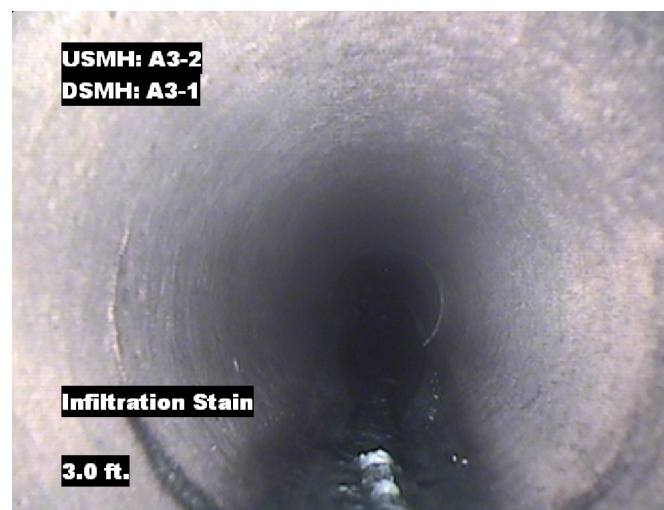
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A3-2



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



Distance: 3.0 ft. Grade: 2
Condition: Fracture Circumferential
Remarks: N/A

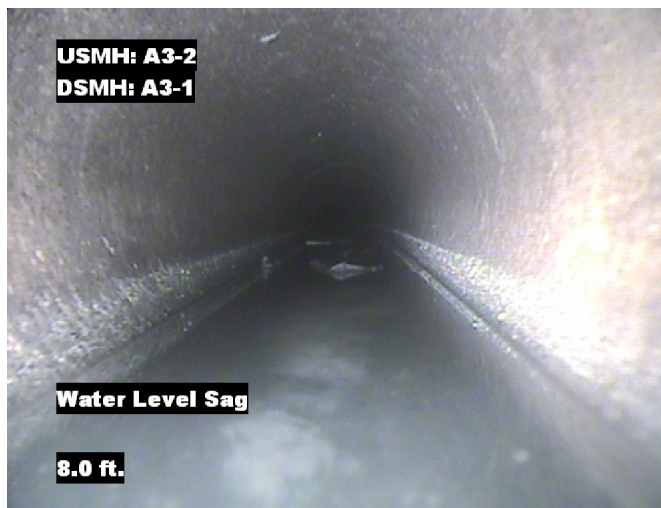


Distance: 3.0 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A

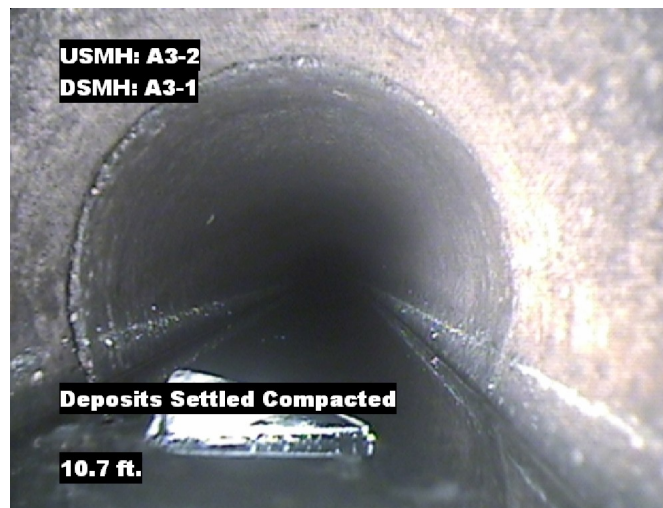


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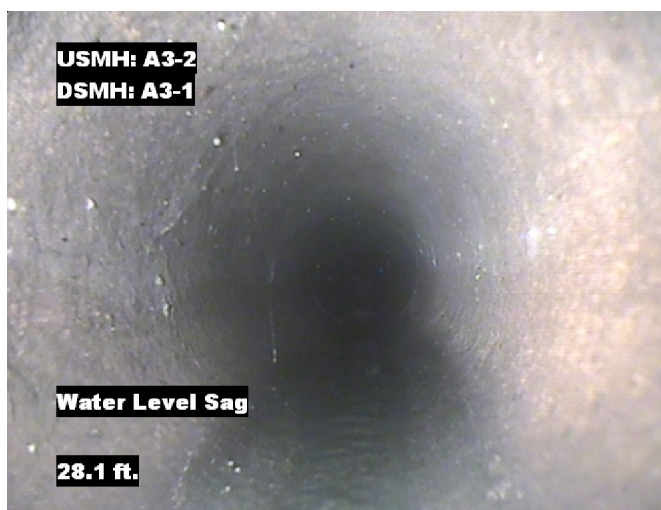
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-2_A3-1	Oliver Springs	Burney Dr.	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A3-2	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-1	209.2		8	8	4



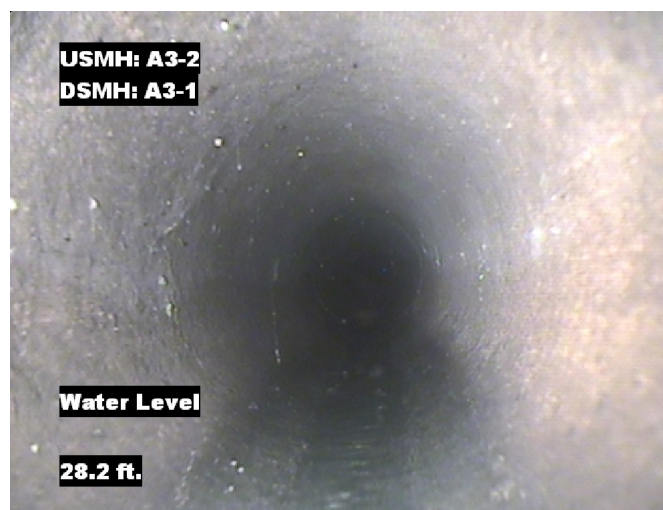
Distance: 8.0 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 10.7 ft. Grade: 2
Condition: Deposits Settled Compacted
Remarks: N/A



Distance: 28.1 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

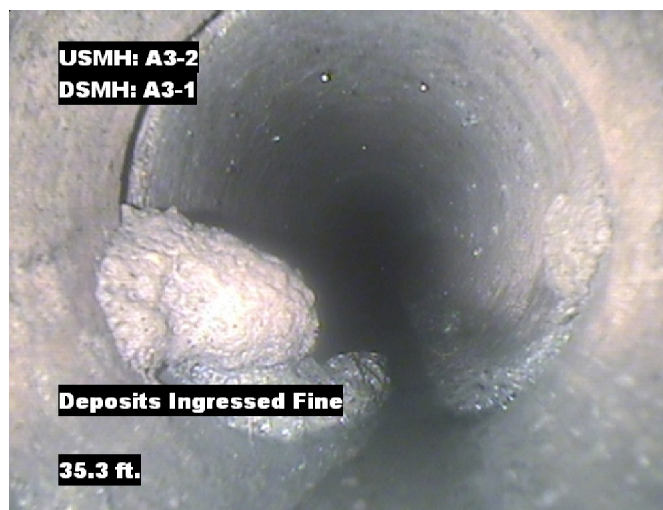


Distance: 28.2 ft. Grade: 0
Condition: Water Level
Remarks: N/A

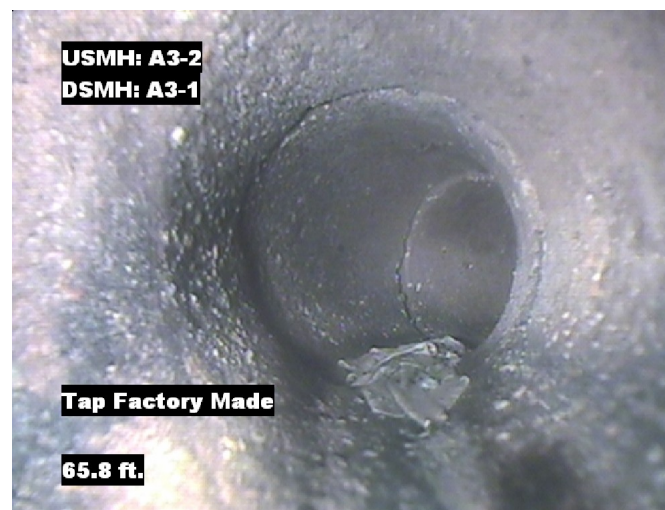


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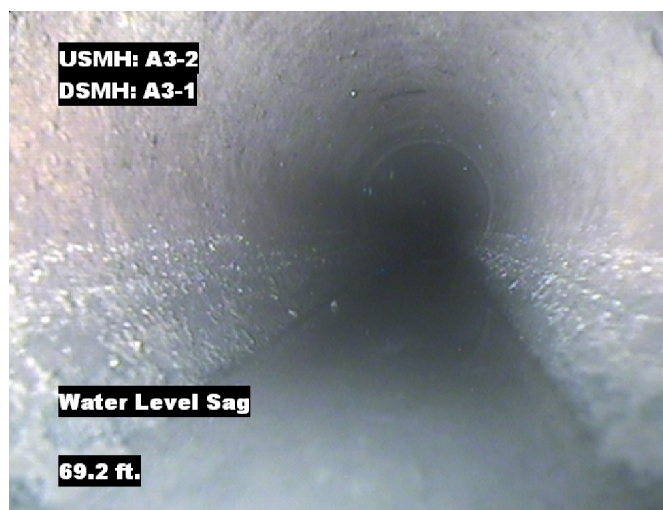
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-2_A3-1	Oliver Springs	Burney Dr.	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A3-2	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-1	209.2		8	8	4



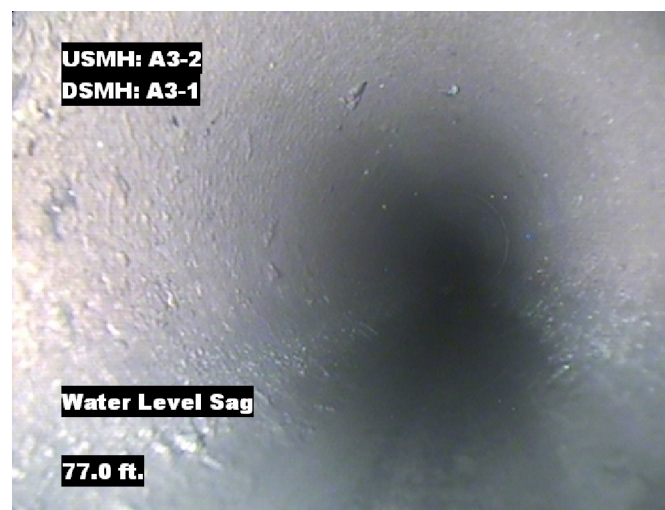
Distance: 35.3 ft. Grade: 2
Condition: Deposits Ingressed Fine
Remarks: N/A



Distance: 65.8 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 69.2 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

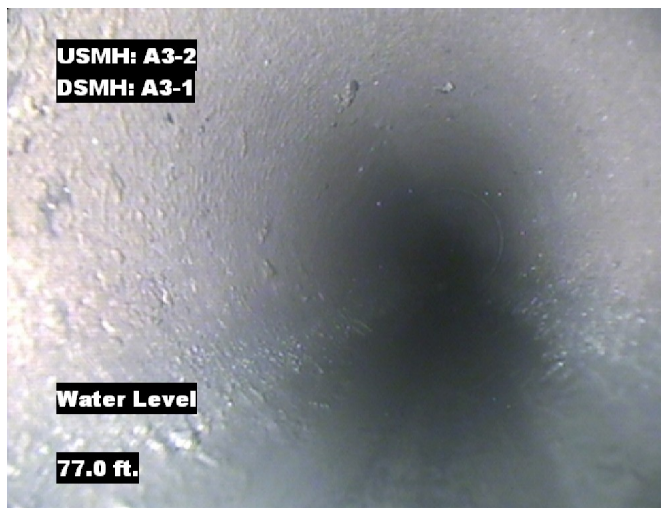


Distance: 77.0 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

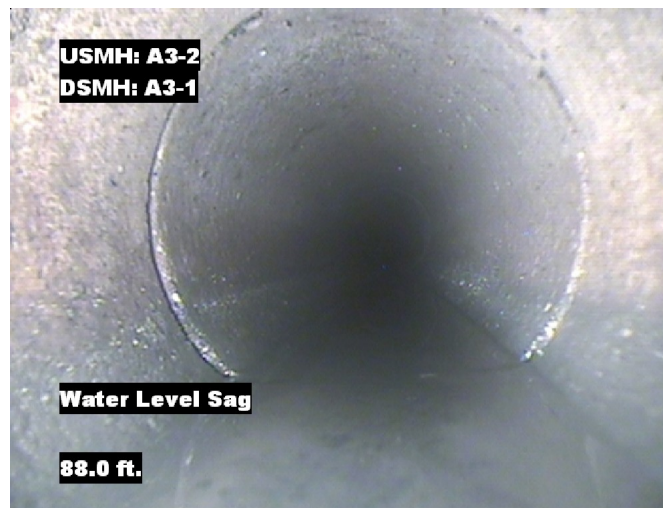


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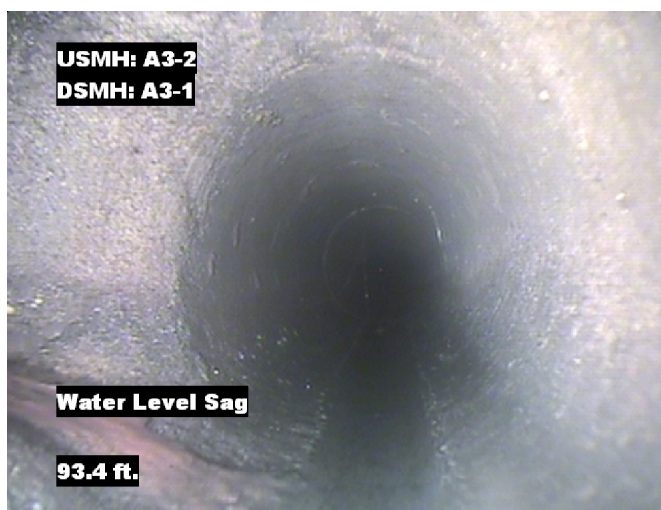
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-2_A3-1	Oliver Springs	Burney Dr.	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A3-2	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-1	209.2		8	8	4



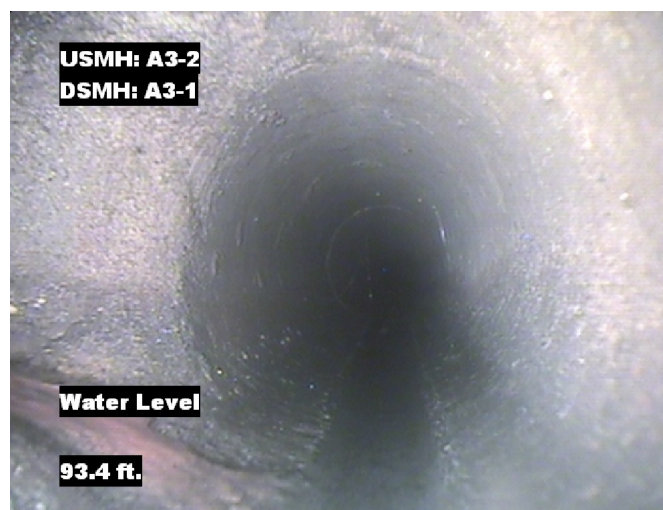
Distance: 77.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 88.0 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 93.4 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

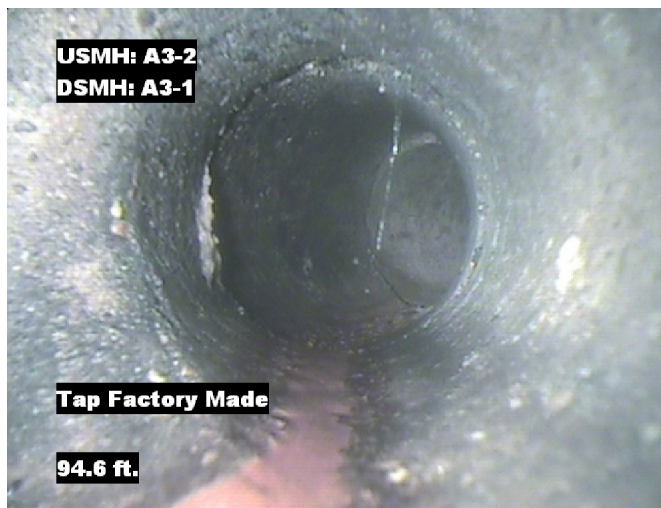


Distance: 93.4 ft. Grade: 0
Condition: Water Level
Remarks: N/A

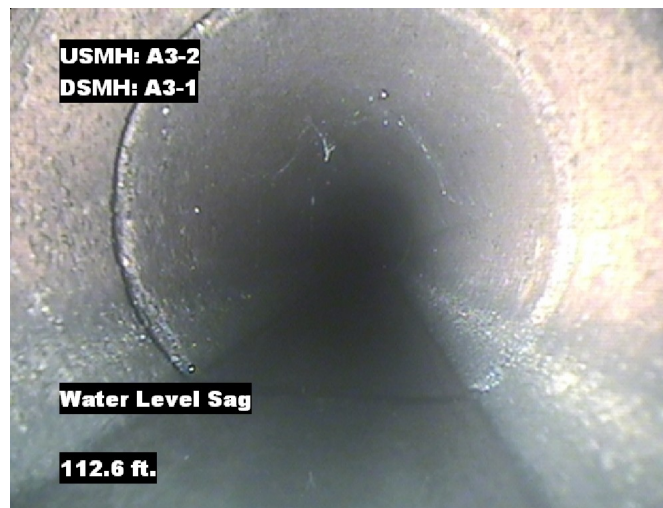


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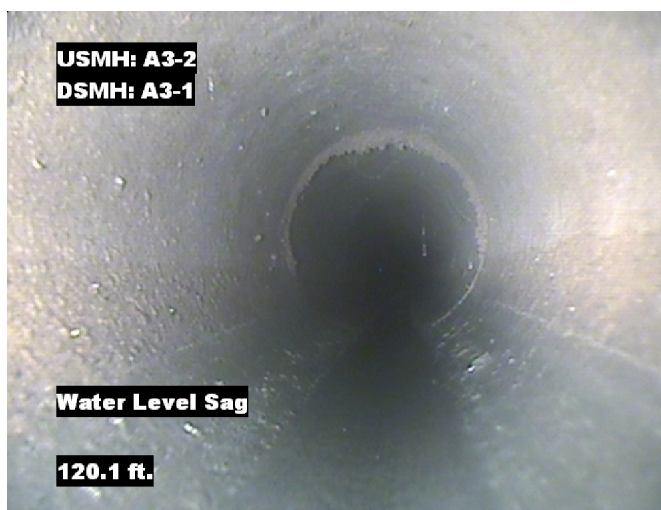
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-2_A3-1	Oliver Springs	Burney Dr.	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A3-2	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-1	209.2		8	8	4



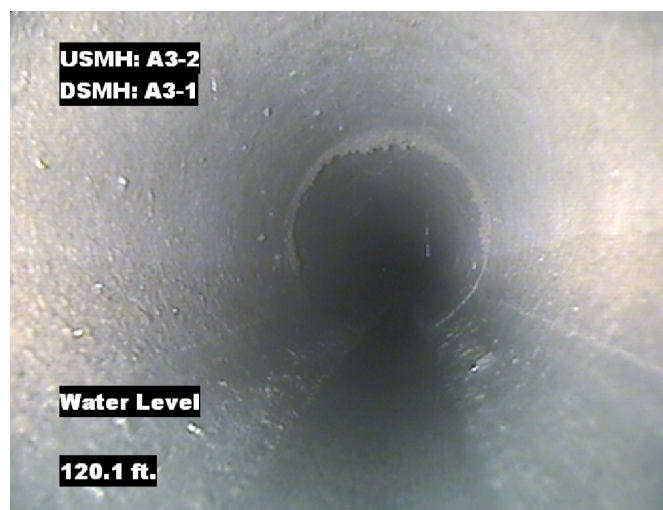
Distance: 94.6 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 112.6 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 120.1 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

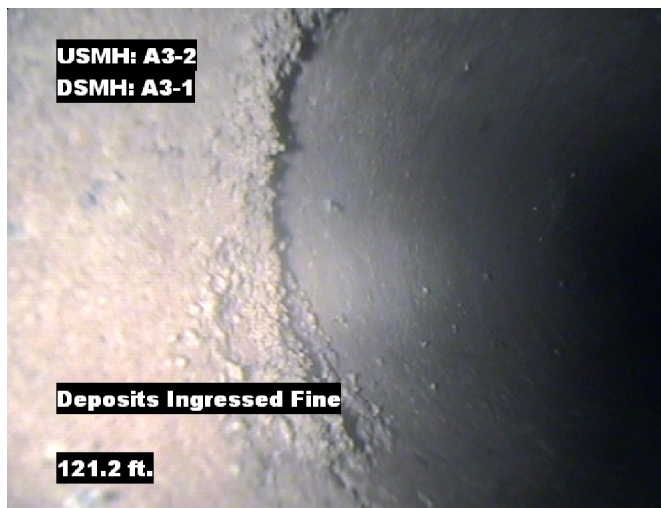


Distance: 120.1 ft. Grade: 0
Condition: Water Level
Remarks: N/A

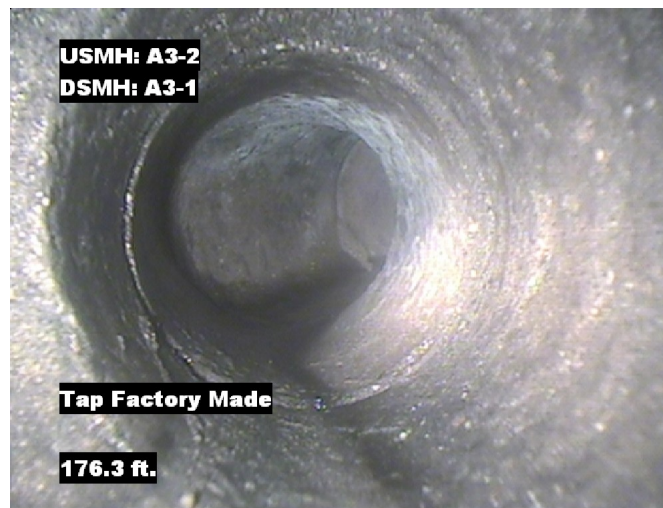


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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-2_A3-1	Oliver Springs	Burney Dr.	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A3-2	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-1	209.2		8	8	4



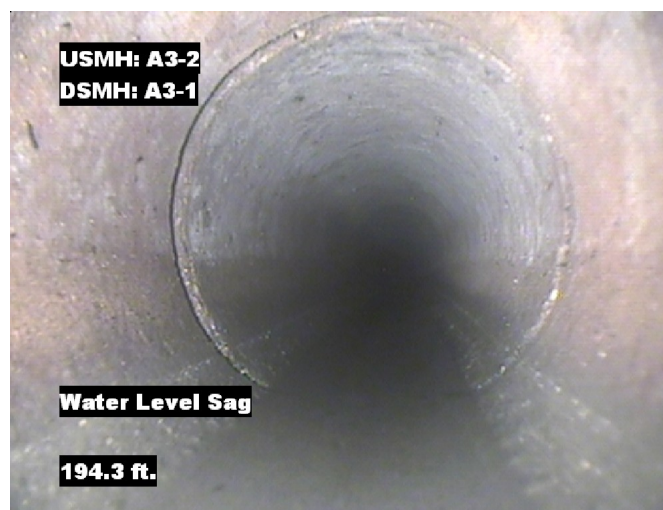
Distance: 121.2 ft. Grade: 2
Condition: Deposits Ingressed Fine
Remarks: N/A



Distance: 176.3 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 176.3 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

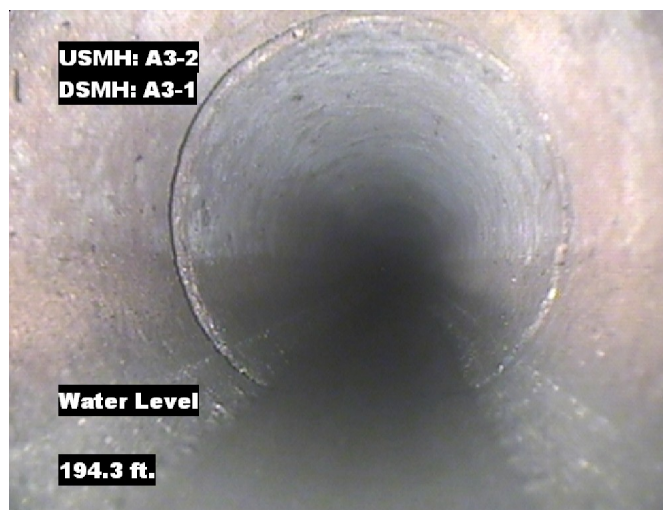


Distance: 194.3 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

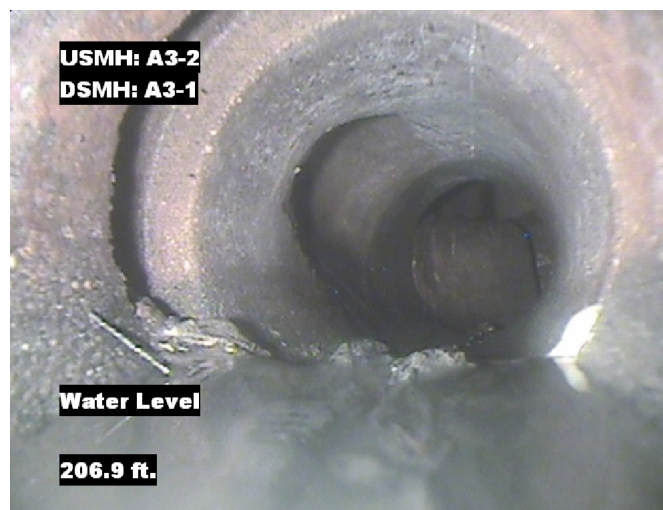


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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-2_A3-1	Oliver Springs	Burney Dr.	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A3-2	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-1	209.2		8	8	4



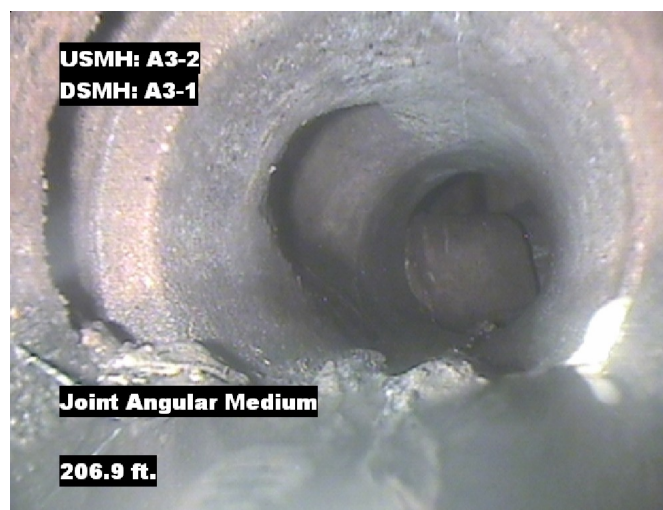
Distance: 194.3 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 206.9 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 206.9 ft. Grade: 2
Condition: Deposits Attached Ragging
Remarks: N/A

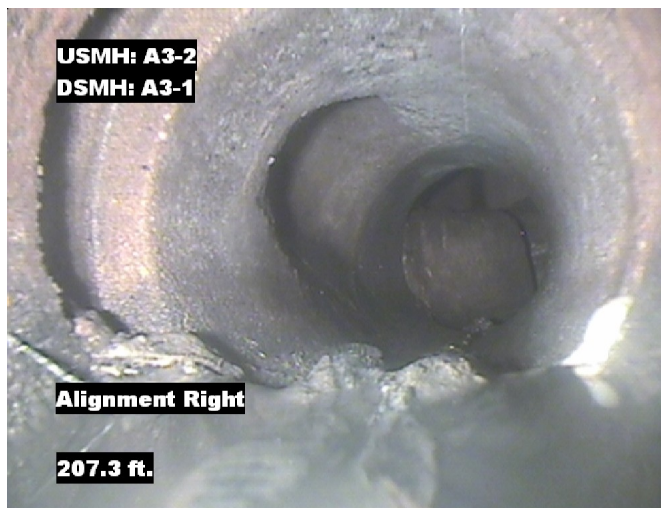


Distance: 206.9 ft. Grade: 1
Condition: Joint Angular Medium
Remarks: N/A

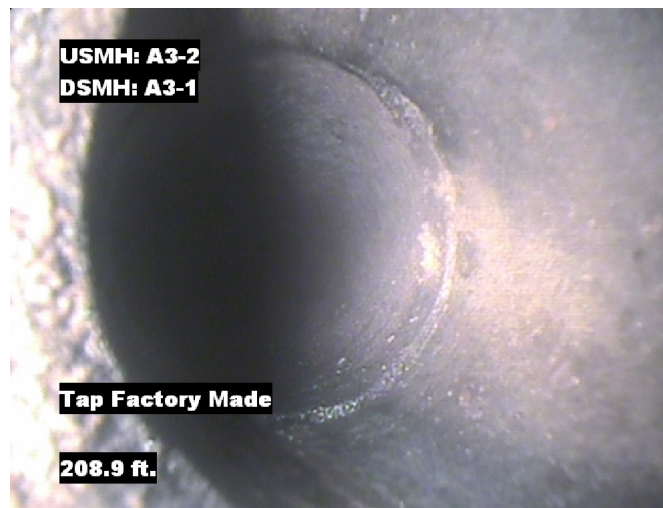


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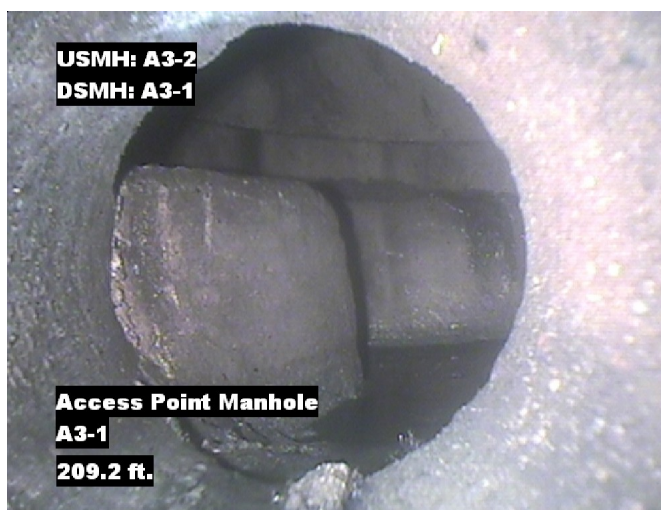
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-2_A3-1	Oliver Springs	Burney Dr.	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A3-2	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-1	209.2		8	8	4



Distance: 207.3 ft. Grade: 1
Condition: Alignment Right
Remarks: N/A



Distance: 208.9 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 209.2 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A3-1



PACP Conditions

Pipe Segment Refere... A3-2_A3-1	City Oliver Springs	Street Burney Dr.	Material Concrete Pipe (non-...	Location C... Yard	Sewer Use Sanitary
Upstream MH A3-2	Total Length 209.2	Year Laid	Shape Circular	Location Details	
DS Manhole A3-1	Length surveyed 209.2	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR 3	MPR 35	PO Number 4397-03	Customer GRW
SPRI 1.5	MPRI 1.9	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 2111	QMR 2B11		
OPR 38	Surveyed By Charlie Gordon	Direction Downstream	Date 20150831
OPRI 1.9	Certificate Number U-615-07000491	Pre-Cleaning No Pre-Cleaning	Time 14:28
	Date Cleaned	End Time 14:50	Weather Dry
		Additional Info	

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	1	1	1	1	1	1	2	2
			2	1	2	2	4	8	2	5	10
			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
Code	ID	Length									
MWLS	F01	20.1	0	0	0	2	4	8	2	4	8
MWLS	F02	7.8	0	0	0	2	2	4	2	2	4
MWLS	F03	5.4	0	0	0	2	1	2	2	1	2
MWLS	F04	7.5	0	0	0	2	2	4	2	2	4
MWLS	F05	18.0	0	0	0	2	4	8	2	4	8
Subtotals				2		Subtotals	18		Subtotals	20	
SUMMARY			Pipe Rating	3		Pipe Rating	35		Overall Pipe Rating	38	
			Structural Index	1.5		O&M Index	1.9		Overall Index	1.9	
			Str. Quick Rating	2111		O&M Quick Rating	2B11		Ovrl. Quick Rating	2B12	