



Defect Listing

Pipe Segment Refere... E1-4_E1-3	City Oliver Springs	Street Hwy 61	Material Fiberglass Reinforc...	Location C... Easement/R...	Sewer Use Sanitary
Upstream MH E1-4	Total Length 173.3	Year Laid	Shape Circular	Location Details Under Bridge @ Skat...	
DS Manhole E1-3	Length surveyed 173.3	Year Renewed	Height 8	Width 8	Pipe Joint... N/A

SPR N/A	MPR 12	PO Number 4397-03		Customer GRW	
SPRI N/A	MPRI 2.4	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR N/A	QMR 4124				
OPR 12	Surveyed By Barry Rogers	Direction Downstream	Date 20150602	Media label	
OPRI 2.4	Certificate Number U-1012-16405	Pre-Cleaning Heavy Cleaning	Time 18:05	Weather Dry	
Date Cleaned 20150602			End Time 18:11	Additional Info upstream and downst...	

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: E1-4									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
85.2 ft.	Water Level Sag				15	<input type="checkbox"/>			2
96.0 ft.	Water Level Sag				25	<input type="checkbox"/>			2
101.1 ft.	Camera Underwater				0	<input type="checkbox"/>			4
Remarks: Bad Sag									
101.6 ft.	General Observation				0	<input type="checkbox"/>			
Remarks: camera was underwater jettied kine again to pull off water level									
102.0 ft.	Water Level Sag				15	<input type="checkbox"/>			2
102.9 ft.	Deposits Attached Grease				5	<input type="checkbox"/>	10	1	2
111.7 ft.	Water Level				5	<input type="checkbox"/>			
170.5 ft.	Water Level				5	<input type="checkbox"/>			
173.3 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: E1-3									

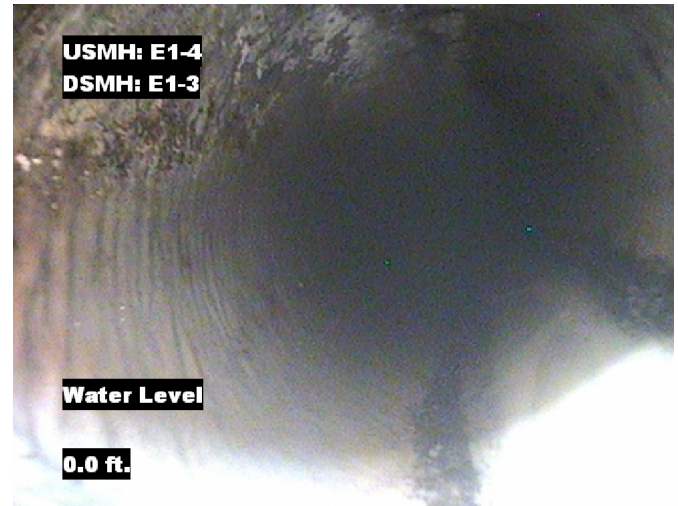


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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
E1-4_E1-3	Oliver Springs	Hwy 61	Fiberglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
E1-4	173.3		Circular	Under Bridge @ Skat...	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
E1-3	173.3		8	8	N/A



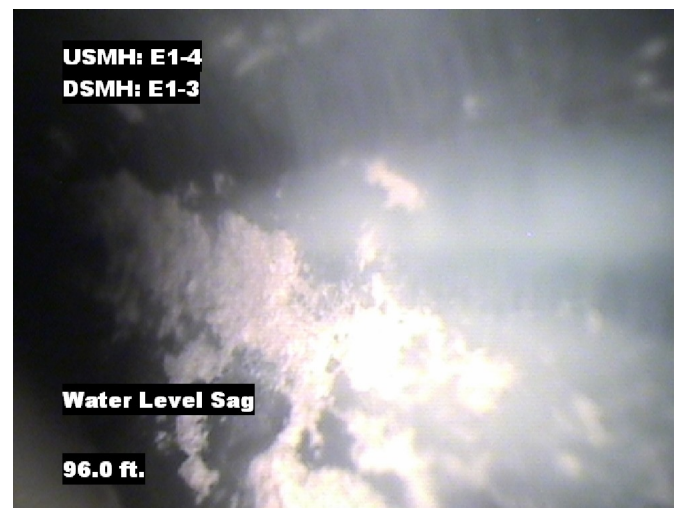
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E1-4



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



Distance: 85.2 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 96.0 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

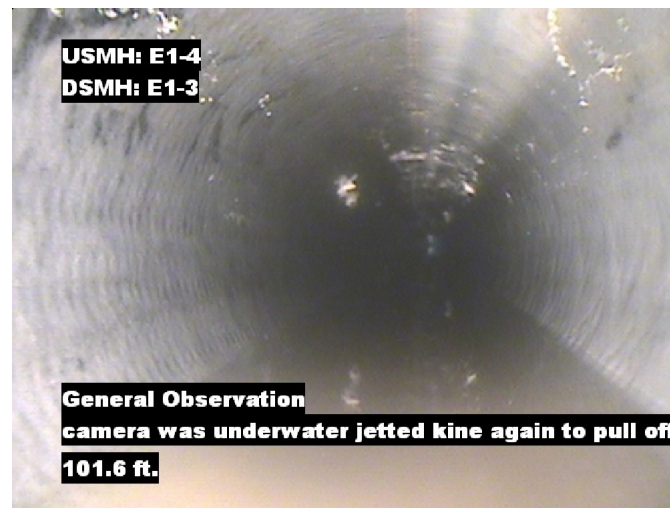


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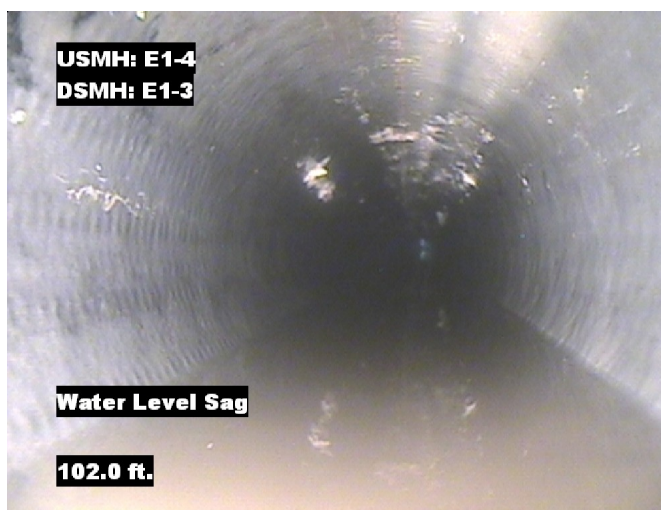
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E1-4	173.3		Circular	Under Bridge @ Skat...	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
E1-3	173.3		8	8	N/A



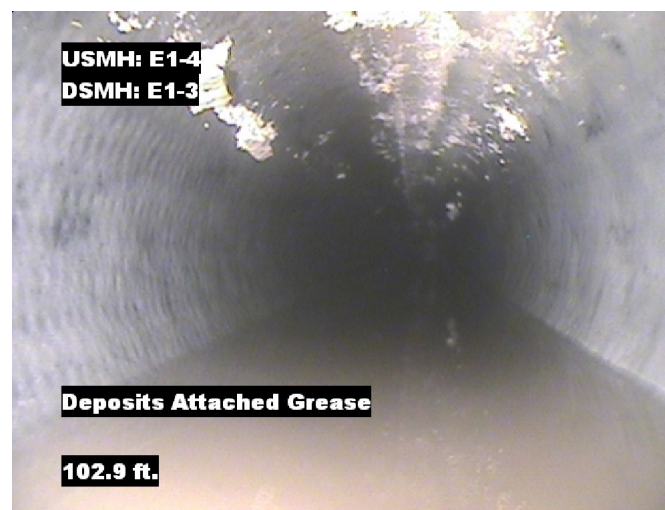
Distance: 101.1 ft. Grade: 4
Condition: Camera Underwater
Remarks: Bad Sag



Distance: 101.6 ft. Grade: 0
Condition: General Observation
Remarks: camera was underwater jetted kine again to pull off water level



Distance: 102.0 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

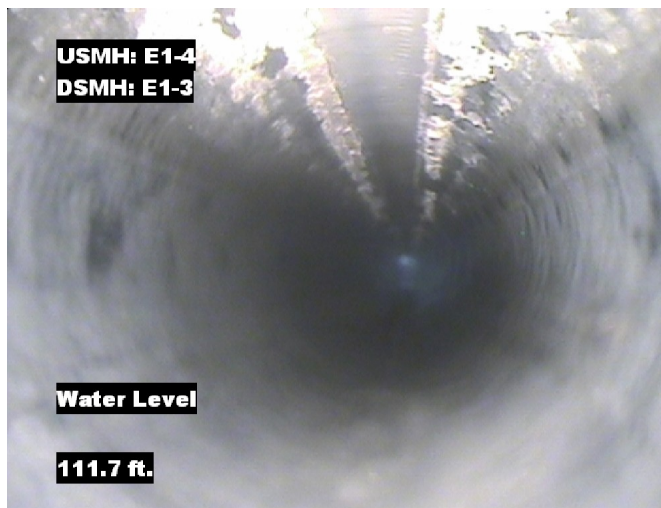


Distance: 102.9 ft. Grade: 2
Condition: Deposits Attached Grease
Remarks: N/A

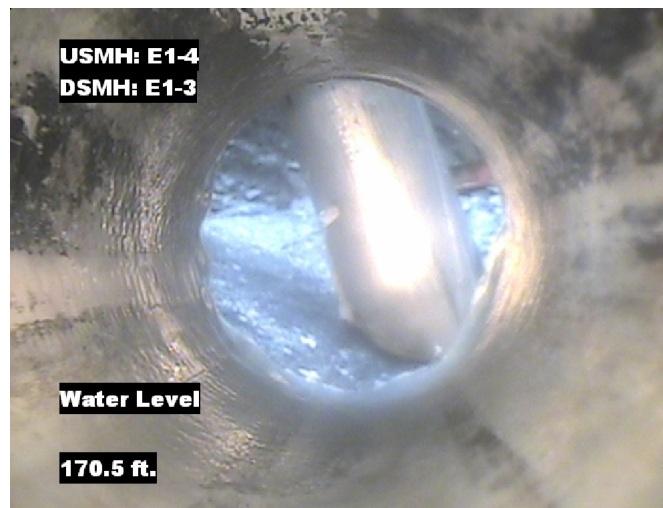


Image Report 4/Page

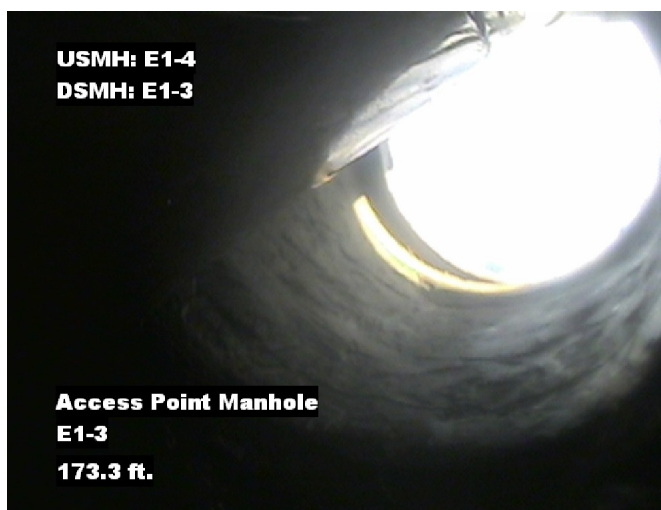
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DS Manhole E1-3	Length surveyed 173.3	Year Renewed	Height 8	Width 8	Pipe Joint...	
					N/A	



Distance: 111.7 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 170.5 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 173.3 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E1-3



PACP Conditions

Pipe Segment Refere... E1-4_E1-3	City Oliver Springs	Street Hwy 61	Material Fiberglass Reinforc...	Location C... Easement/R...	Sewer Use Sanitary
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Date Cleaned 20150602			End Time 18:11	Additional Info upstream and downst...	

			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	4	8	2	4	8
			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									