



Defect Listing

Pipe Segment Refere... C-22_C-21	City Oliver Springs	Street Edmonds Dr	Material Fibreglass Reinforc...	Location C... Light High...	Sewer Use Sanitary
Upstream MH C-22	Total Length 206.6	Year Laid	Shape Circular	Location Details	
DS Manhole C-21	Length surveyed 206.6	Year Renewed	Height 8	Width 8	Pipe Joint... N/A

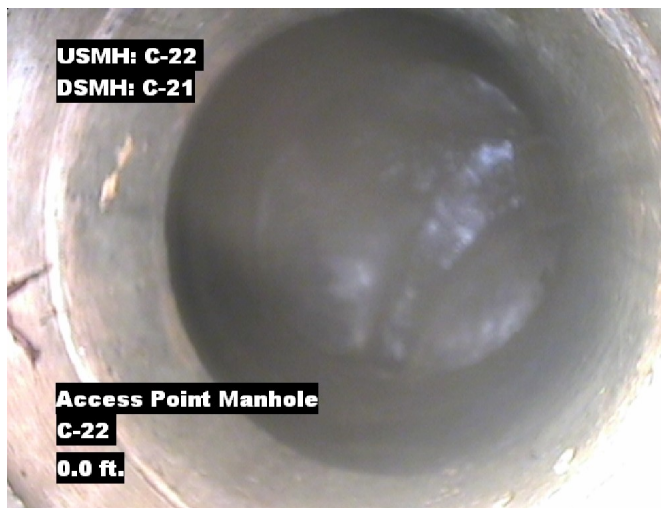
SPR 12	MPR N/A	PO Number 4397-03	Customer GRW
SPRI 3	MPRI N/A	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 3400	QMR N/A		
OPR 12	Surveyed By Barry Rogers	Direction Downstream	Date 20150715
OPRI 3	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 07:55
	Date Cleaned 20150715	End Time 08:12	Weather Damp
			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: C-22									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
29.8 ft.	Lining Failure Delaminating				0	<input type="checkbox"/>	9		3
46.5 ft.	Lining Failure Delaminating				0	<input type="checkbox"/>	9		3
81.7 ft.	Lining Failure Delaminating				0	<input type="checkbox"/>	9		3
112.9 ft.	Tap Factory Made Active		6		0	<input type="checkbox"/>	9		
115.5 ft.	Lining Failure Delaminating				0	<input type="checkbox"/>	11		3
204.7 ft.	Water Level				10	<input type="checkbox"/>			
206.6 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: C-21									



Image Report 4/Page

Pipe Segment Refere... C-22_C-21	City Oliver Springs	Street Edmonds Dr	Material Fibreglass Reinforc...		Location C... Light High...	Sewer Use Sanitary
Upstream MH C-22	Total Length 206.6	Year Laid	Shape Circular		Location Details	
DS Manhole C-21	Length surveyed 206.6	Year Renewed	Height 8	Width 8	Pipe Joint...	
					N/A	



Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: C-22



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



Distance: 29.8 ft. Grade: 3
Condition: Lining Failure Delaminating
Remarks: N/A

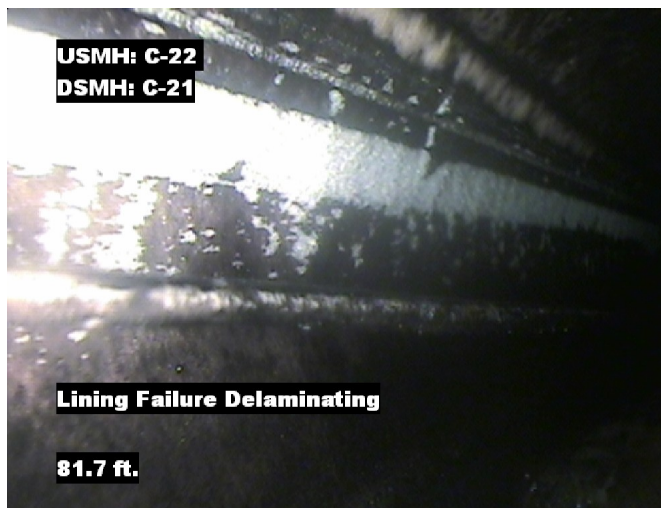


Distance: 46.5 ft. Grade: 3
Condition: Lining Failure Delaminating
Remarks: N/A

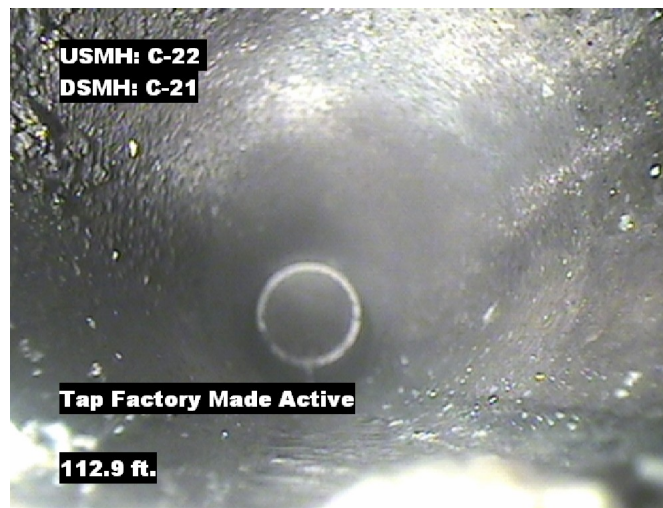


Image Report 4/Page

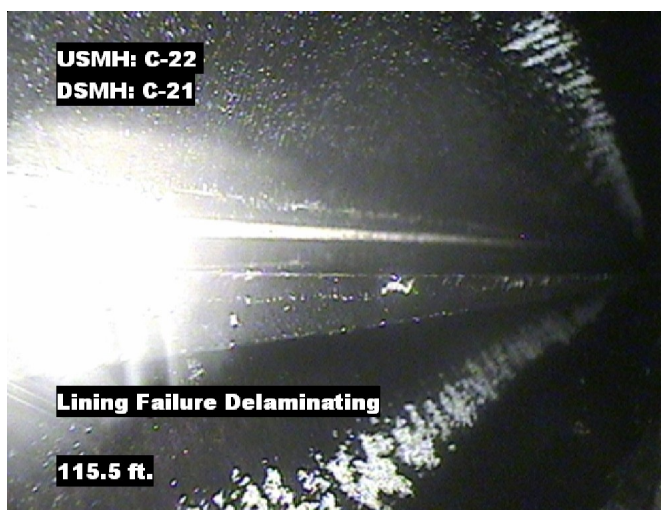
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
C-22_C-21	Oliver Springs	Edmonds Dr	Fibreglass Reinforc...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
C-22	206.6		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
C-21	206.6		8	8	N/A



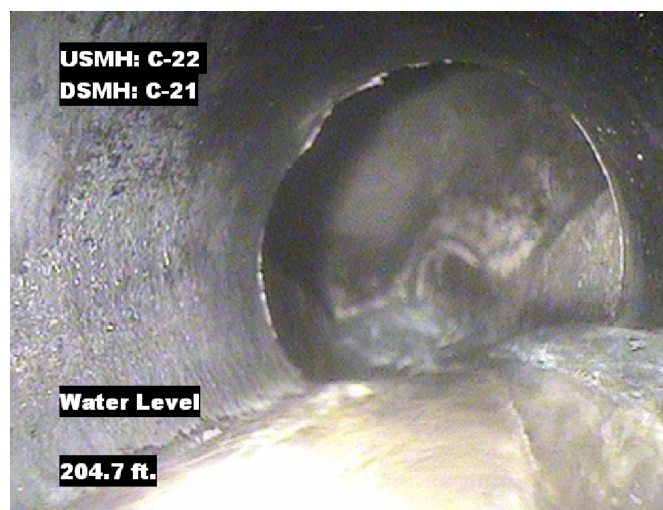
Distance: 81.7 ft. Grade: 3
Condition: Lining Failure Delaminating
Remarks: N/A



Distance: 112.9 ft. Grade: 0
Condition: Tap Factory Made Active
Remarks: N/A



Distance: 115.5 ft. Grade: 3
Condition: Lining Failure Delaminating
Remarks: N/A

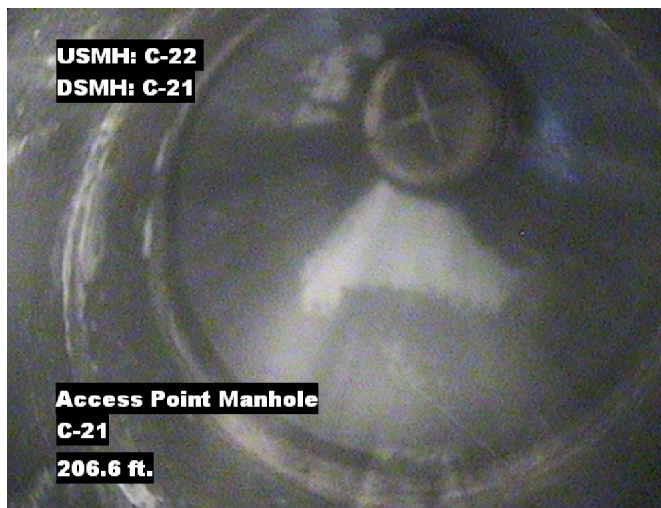


Distance: 204.7 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Image Report 4/Page

Pipe Segment Refere... C-22_C-21	City Oliver Springs	Street Edmonds Dr	Material Fibreglass Reinforc...		Location C... Light High...	Sewer Use Sanitary
Upstream MH C-22	Total Length 206.6	Year Laid	Shape Circular		Location Details	
DS Manhole C-21	Length surveyed 206.6	Year Renewed	Height 8	Width 8	Pipe Joint...	N/A



Distance: 206.6 ft. Grade: 0
Condition: Access Point Manhole
Remarks: C-21



PACP Conditions

Pipe Segment Refere... C-22_C-21	City Oliver Springs	Street Edmonds Dr	Material Fibreglass Reinforc...	Location C... Light High...	Sewer Use Sanitary
Upstream MH C-22	Total Length 206.6	Year Laid	Shape Circular	Location Details	
DS Manhole C-21	Length surveyed 206.6	Year Renewed	Height 8	Width 8	Pipe Joint... N/A
SPR 12	MPR N/A	PO Number 4397-03	Customer GRW		
SPRI 3	MPRI N/A	Work Order 4397-02	Purpose Pre-Rehabilitation Survey		
QSR 3400	QMR N/A	Direction Downstream	Date 20150715	Media label	
OPR 12	Surveyed By Barry Rogers	Pre-Cleaning Jetting	Time 07:55	Weather Damp	
OPRI 3	Certificate Number U-1012-16405	Date Cleaned 20150715	End Time 08:12	Additional Info	

			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
Normal Defects											
			1	0	0	1	0	0	1	0	0
			2	0	0	2	0	0	2	0	0
			3	4	12	3	0	0	3	4	12
			4	0	0	4	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Continuous Defects											
Code	ID	Length									
			Subtotals	4		Subtotals	0		Subtotals	4	
SUMMARY			Pipe Rating	12	Pipe Rating	0	Overall Pipe Rating	12			
			Structural Index	3.0	O&M Index	0	Overall Index	3.0			
			Str. Quick Rating	3400	O&M Quick Rating	0000	Ovrl. Quick Rating	3400			