



Surveyors name: Raul Lopez  
 Certificate Number: U-104-797  
 System Owner: Fox Point  
 Survey Customer: Fox Point  
 Drainage Area: N/A  
 Sheet: 1

P/O No.: N/A  
 Pipeline Segment Reference: 1  
 Date: 20130701  
 Time: 08:46  
 Location (Street Name and number): Spooner Rd  
 Locality: Fox Point

Further Location details:  
 Downstream Manhole Number: 08-082  
 Upstream Manhole Number: 08-083  
 Rim to Invert: [ ]  
 Rim to Grade: [ ]  
 Grade to Invert: [ ]  
 Grade to Invert: [ ]  
 Use of Sewer: Sanitary  
 Direction: Downstream  
 Flow Control: N  
 Height: 8

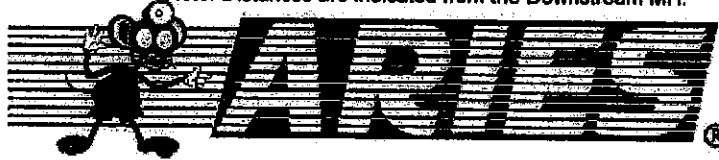
Width: [ ]  
 Shape: Circular  
 Material: VCP  
 Ln. Method: [ ]  
 Total Length: [ ]  
 Length Surveyed: [ ]  
 Year Laid: [ ]  
 Year Rehabilitated: [ ]  
 Tape / Media Number: 1

Purpose: C  
 Sewer Category: B  
 Pre-Cleaning: [ ]  
 No Pre-Cleaning: [ ]  
 Weather: Dry  
 Additional Information: [ ]

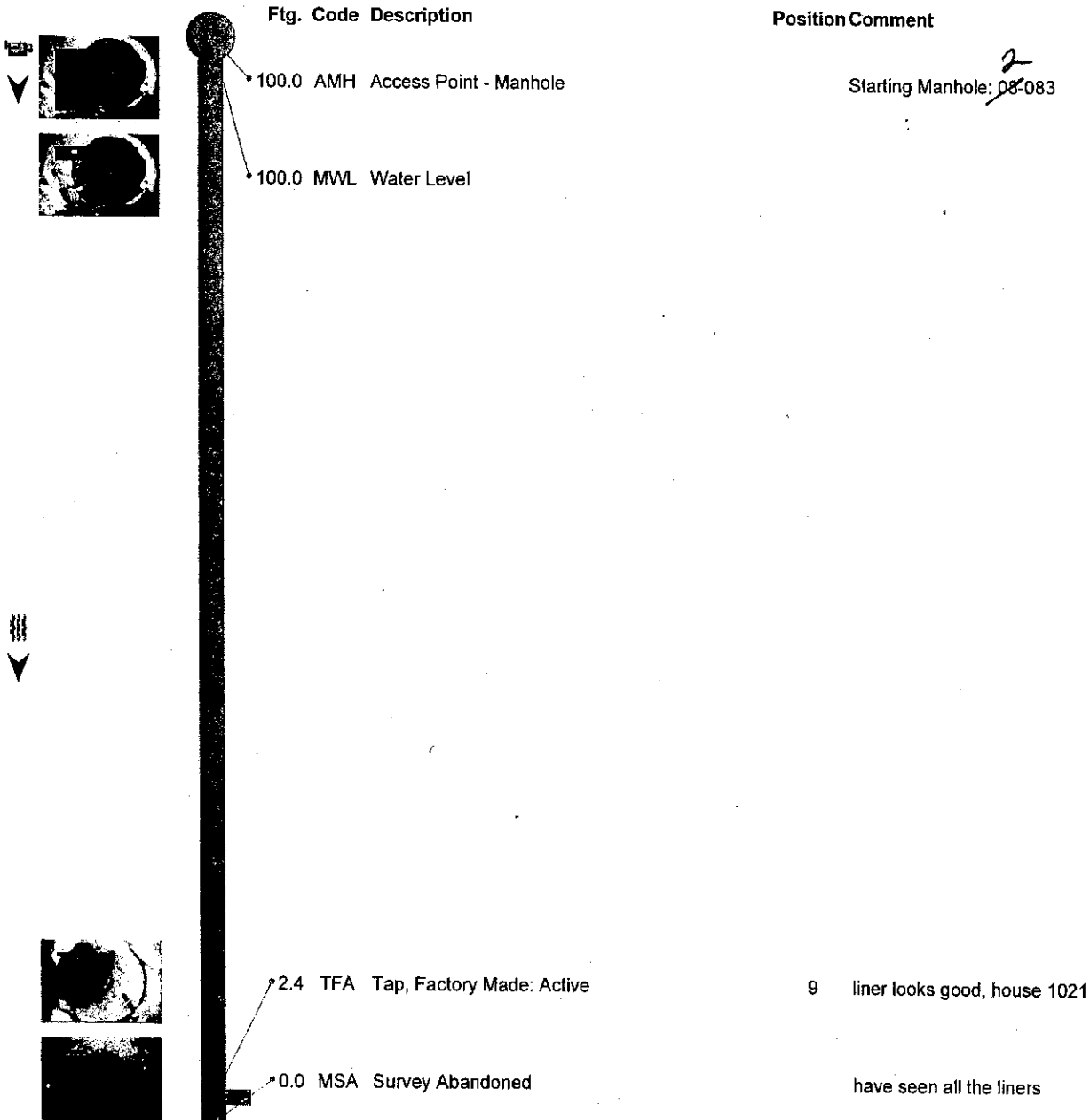
Distance (Feet)	Code	Group/Descriptor	Modifier/severity	Value		Joint		Circumferential Location		Image Ref	Struct Grade	OBM Grade	Remarks
				S/M/L	%	1st	2nd	At/From	To				
0.0	AMH												Starting Manhole: 08-083
0.0	MWL												liner looks good, house 1021 have seen all the liners
97.6	TF												
100.0	MSA												

Segment	Structural					O & M					Overall						
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	
08-083-08-082	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

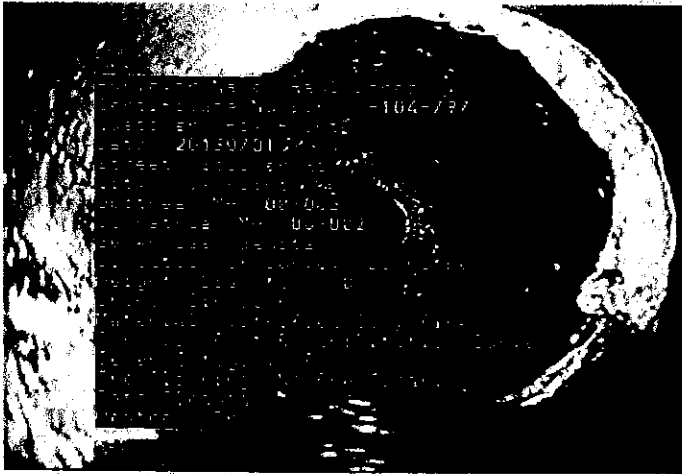
<sup>A</sup>Note: Distances are indicated from the Downstream MH.



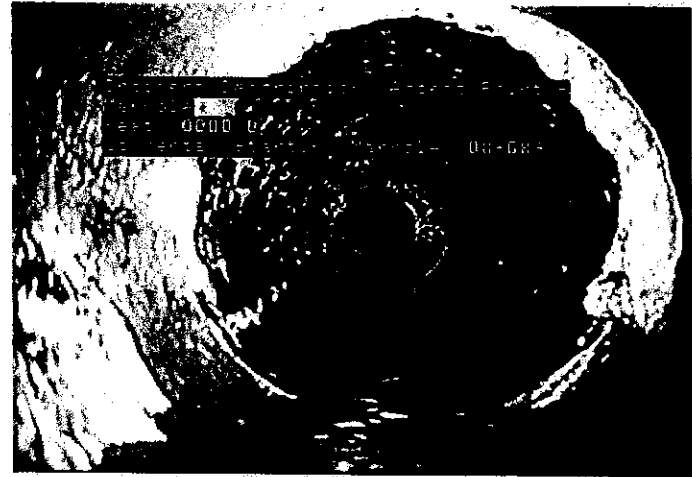
<b>Upstream MH</b> 08-083	<b>Downstream MH</b> 08-082	<b>Size</b> 8	<b>Material</b> Vitrified Clay Pipe	<b>Total Length</b>	<b>City</b> Fox Point
<b>Surveyor's Name</b> Raul Lopez	<b>Certificate Number</b> U-104-797	<b>Street Address</b> Spooner Rd		<b>Location Details</b>	
<b>Direction</b> Downstream	<b>Purpose</b> Post Rehabilitation Survey	<b>Weather</b> Dry	<b>Date</b> 20130701	<b>Time</b> 09:46	<b>Length Surveyed</b>
<b>Additional Information</b>					



Upstream MH: 08-083; Downstream MH: 08-082; Size: 8; Total Length: ; City: Fox Point; Material: Vitrified Clay Pipe; Surveyor's Name: Raul Lopez; Certificate Number: U-104-797; Location Details: ; Street Address: Spooner Rd; Date: 7/1/13; Time: 9:46:00 AM; Length Surveyed: ; Purpose: Post Rehabilitation Survey; Direction: Downstream; Weather: Dry; Additional Information: ;



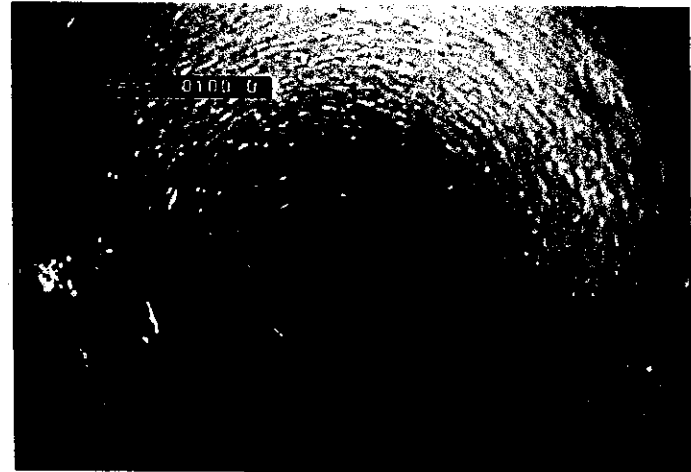
AMH - Access Point - Manhole @ 0.0 ft.  
Starting Manhole: ~~08-083~~  
2



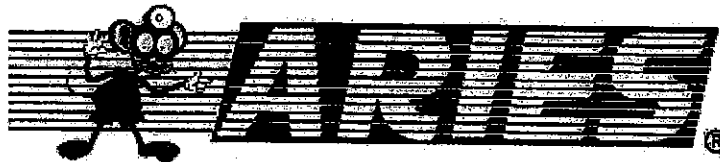
MWL - Water Level @ 0.0 ft.



TFA - Tap, Factory Made: Active @ 97.6 ft.  
liner looks good, house 1021

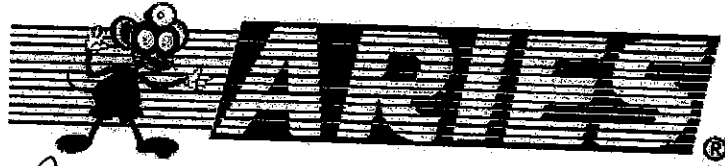


MSA - Survey Abandoned @ 100.0 ft.  
have seen all the liners



<b>Upstream MH</b> 08-083	<b>Downstream MH</b> 08-082	<b>Size</b> 8	<b>Material</b> Vitrified Clay Pipe	<b>Total Length</b>	<b>City</b> Fox Point
<b>Surveyor's Name</b> Raul Lopez	<b>Certificate Number</b> U-104-797	<b>Street Address</b> Spooner Rd		<b>Location Details</b>	
<b>Direction</b> Downstream	<b>Purpose</b> Post Rehabilitation Survey	<b>Weather</b> Dry	<b>Date</b> 20130701	<b>Time</b> 09:46	<b>Length Surveyed</b>
<b>Additional Information</b>					

Ftg.	Code	Description	Position	Comment
0.0	AMH	Access Point - Manhole		Starting Manhole: 08-083
0.0	MWL	Water Level		
97.6	TFA	Tap, Factory Made: Active	9	liner looks good, house 1021
100.0	MSA	Survey Abandoned		have seen all the liners



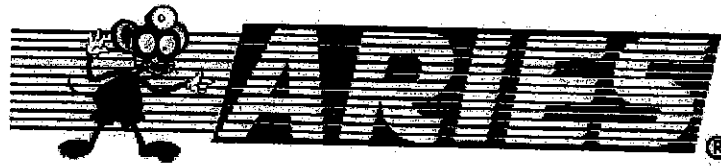
<b>Upstream MH</b> 08-083	<b>Downstream MH</b> 08-082	<b>Size</b> 8	<b>Material</b> Vitrified Clay Pipe	<b>Total Length</b>	<b>City</b> Fox Point
<b>Surveyor's Name</b> Raul Lopez	<b>Certificate Number</b> U-104-797	<b>Street Address</b> Spooner Rd		<b>Location Details</b>	
<b>Direction</b> Downstream	<b>Purpose</b> Post Rehabilitation Survey	<b>Weather</b> Dry	<b>Date</b> 20130701	<b>Time</b> 09:46	<b>Length Surveyed</b>
<b>Additional Information</b>					

0' [AMH] Access Point - Manhole Starting Manhole: 08-083

0' [MWL] Water Level

97.6' [TFA] Tap, Factory Made: Active 9 liner looks good, house 1021

100' [MSA] Survey Abandoned have seen all the liners



<b>Upstream MH</b> 08-083	<b>Downstream MH</b> 08-082	<b>Size</b> 8	<b>Material</b> Vitrified Clay Pipe	<b>Total Length</b>	<b>City</b> Fox Point
<b>Surveyor's Name</b> Raul Lopez	<b>Certificate Number</b> U-104-797	<b>Street Address</b> Spooner Rd		<b>Location Details</b>	
<b>Direction</b> Downstream	<b>Purpose</b> Post Rehabilitation Survey	<b>Weather</b> Dry	<b>Date</b> 20130701	<b>Time</b> 09:46	<b>Length Surveyed</b>
<b>Additional Information</b>					

