

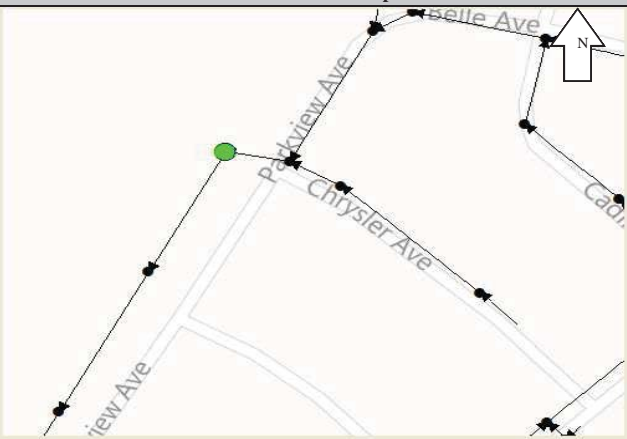
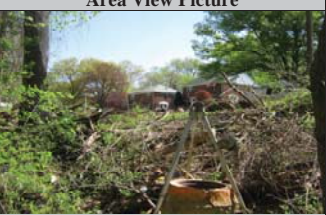
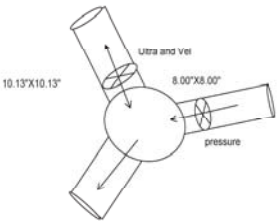
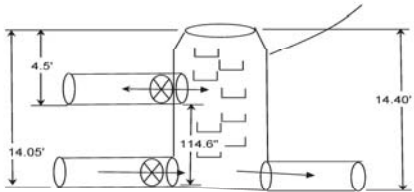
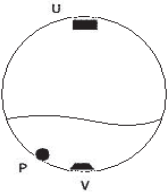




PART A - SITE INVESTIGATION			Baltimore City 1163 Flow Monitoring Services for Sanitary Sewer System		Site Name P91163_SSO1001MH	
	Planning Basin <i>Gwynns Falls</i>		Project No. <i>PS FM 1163</i>		Inspection Date/Time <i>5/10/13 10:48</i>	
	Map MH # <i>S06111001MH</i>		Site Code <i>T</i>			
	Municipality <i>Baltimore City</i>		Inspected By <i>JDeaner</i>		Manhole Depth (ft) <i>14.05</i>	
					Width (ft) <i>4.00</i>	
Site Address: <i>Intersection of Chrysler Ave. and Parkview Ave.</i>				Width (in) <i>8.00</i>		Height (in) <i>8.00</i>
MH Type: <i>Brick</i>		Pipe Type: <i>VCP</i>		Pipe Shape: <i>Circular</i>		
Top View Picture 		Area Location Map 			Manhole Coordinates 39.339446 -76.705363	
Area View Picture 					Antenna Installation Soil Signal Strength: <i>75%</i> Modem / Phone # -	
					System Characteristics Residential: <i>Yes</i> Commercial: Industrial:	
Measurements Flow Depth: <i>0.75</i> inches Instant Velocity: <i>2.25</i> fps Surge Evidence: <i>0.00</i> feet		Debris Silt Type: <i>None</i> Silt (in): <i>0.0</i> Needs Cleaning: <i>No</i>		Hydraulic Influences Backwater: <i>Straight:</i> Pump Station: <i>Bend: Yes</i> WWTP: <i>Drop Inlet:</i>		
Site Access GOOD (no problems accessing site) <i>Walk off road and down hill W 80' of intersection on wood line.</i>		Site Feasibility Safety Considerations LEL % <i>0</i> O ₂ <i>20.9</i> CO <i>0</i> H ₂ S <i>0</i> Elevated MH: <i>Yes</i> Height Elevated: <i>4.5 ft</i> Structural Integrity: <i>Fair</i>		Hydraulic Rating <i>A (good)</i> <i>fast, shallow flow</i>		
				Recommended Equipment Meter Type: <i>ADS FlowShark</i> Redundant Depth Feasible: <i>-</i> Ultrasonic Depth: <i>Yes</i> Pressure Depth: <i>Yes</i> Velocity: <i>Yes</i> Location (ft): <i>1.00 U/S</i>		
PART B - SITE INSTALLATION	Installation Top View 		Installation Side View 		Installation Profile Sketch 	
	Installation Notes <i>Pressure is installed in the 8" influent line. Ultra and velocity are installed in the 10.13" SSO pipe. Distance from invert of influent line to SSO invert = 114.60 inches.</i>		Investigation Photo 		Installation Photo 	
	Targeted Site: <i>Yes</i>					
	Recommended by FSP: <i>Yes</i>					
APPROVAL						
Approved -		Not Approved -		Recommended Alternate Site Name -		

PART A - SITE INVESTIGATION

PART B - SITE INSTALLATION

Flow monitor installed April 25, 2013.
Flow monitor ended on March 19, 2014.