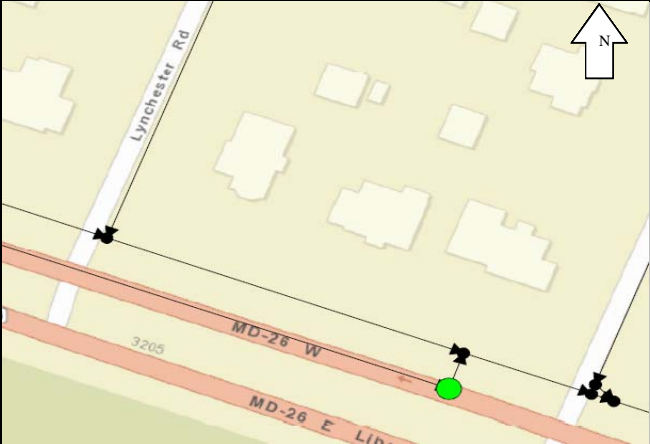

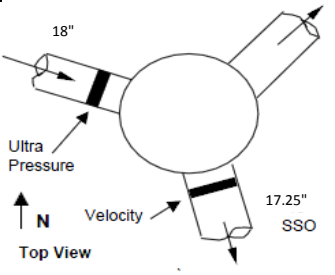
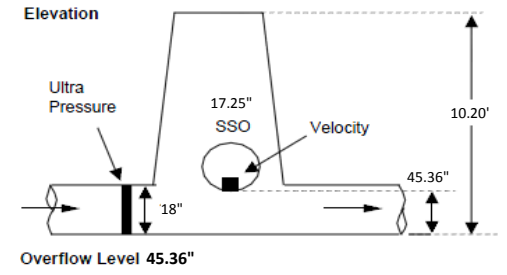
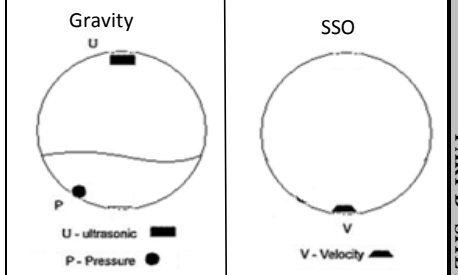

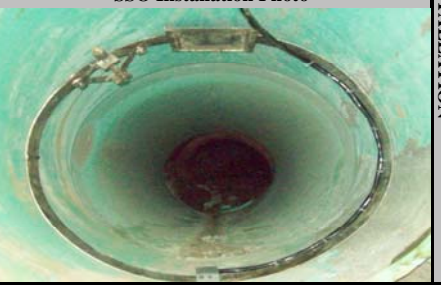
		<b>Baltimore City 1163</b> <b>Flow Monitoring Services for Sanitary Sewer System</b>		Site Name			
				HL32			
Planning Basin		Project No.	Inspection Date/Time	Map MH #		Site Code	
High Level		PS FM 1163	9/11/2014	S11UU_016MH		T	
Municipality			Inspected By	Manhole		Pipe	
Baltimore City			ADS-JD	Depth (ft)	Width (ft)	Width (in)	Height (in)
Site Address:		3200 N Liberty Heights		10.20	4.00	18.13	18.00
MH Type: Concrete		Pipe Type: Other		Pipe Shape: Circular			
Top View Picture					Manhole Coordinates		
					39.323673		
					-76.669692		
					Antenna Installation		
					Traffic		
					Signal Strength 75%		
					Modem / Phone #		
					-		
					System Characteristics		
					Residential Yes		
					Commercial		
					Industrial		
Measurements		Debris		Hydraulic Influences			
Flow Depth: 3.00 inches		Silt Type: None		Backwater: Straight:			
Instant Velocity: 2.75 fps		Silt (in): 0.0		Pump Station: Bend: Yes			
Surcharge Evidence: 0.00 feet		Needs Cleaning: No		WWTP: Drop Inlet:			
Site Feasibility				Recommended Equipment			
Site Access		Safety Considerations		Hydraulic Rating <b>A (good)</b>  Smooth fast flow		Meter Type: ADS FlowShark	
<b>TRAFFIC (extra traffic control needed)</b> The site is located in center lane of high density roadway, adjacent to an intersection. Visit during off peak traffic hours. Two vehicles should be utilized. One vehicle should precede the manhole with split arrow		LEL % 0 O <sub>2</sub> 20.9 CO 0 H <sub>2</sub> S 0 Elevated MH: No Height Elevated: 0 ft Structural Integrity: Good				Redundant Depth Feasible: -	
						Ultrasonic Depth: Yes	
						Pressure Depth: Yes	
						Velocity: Yes	
						Location (ft): 1.00 U/S	
Installation Top View		Installation Side View		Installation Profile Sketch			
							
Installation Notes		Installation Photo		SSO Installation Photo			
SSO #134. Ultrasonic and Pressure installed in main DIP sewer line. Velocity installed in SSO pipe (circular PVC, 17.25" x 18.00"w). Overflow invert is 45.36" above main sewer invert.							
Targeted Site: Yes							
Recommended by FSP: Yes							
APPROVAL							
Approved		Not Approved		Recommended Alternate Site Name			
-		-		-			

Flow monitor removed on February 11, 2016.