ADS ENVIRONMENTAL SERVICES

City of Baltimore - Bureau of Water and Wastewater

Flow Monitoring Services for Sanitary Sewer System

Site Name: BDU04

Sewershed	Project No.	Inspection Date/Time	City MH I.D.
Dundalk	995S	2/29/2008, 11:15:00 AM	Baltimore County Manhole
		Inspected By: DJE	

Manhole Depth (ft)	Manhole Width (ft)	Pipe Width (in)	Pipe Height (in)
13.35	4	19.00	19.50

Site Address: Intersection (T) of Willow Spring

MH Type: ☑ Brick ☐ Precast

Pipe Type: ☐ Brick ☐ Concrete ☐ Clay ☐ Metal ☑ Other

Pipe Shape: ☑ Circular ☐ Box ☐ Odd

PART A - SITE INVESTIGATION

Top View Picture

Area Location Map

Safety Concerns

☐ Gas ☐ Traffic
☐ Access ☐ Other

Meter Location

☑ U/S
☐ D/S

Manhole Coordinates

X
Y

Area View Picture

Vicinity Map

Telog Antenna Installation

☐ Asphalt ☐ Soil
☐ Concrete ☐ Traffic
☐ Other

System Characteristics

☑ Residential
☐ Commercial
☐ Industrial

Hydraulic Assessment

Surcharge (ft): 0 ☑ Straight ☐ Bend ☑ Drop Inlet ☐ Backwater ☐ Pump Sta. ☐ WWTP ☐ Needs Cleaning

Flow Depth (in): 6.00 Instant. Vel (fps): 4.75 Silt Level (in): 0 Signs of I/I:

HYDRAULIC RATING: ☑ A (good) ☐ B (questionable) ☐ C (poor)

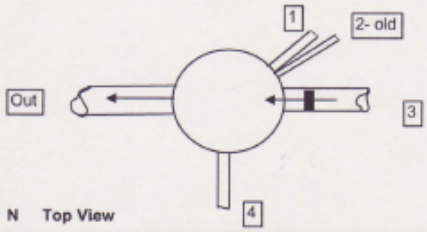
Recommended for Installation ☑ Yes ☐ No

COMMENTS: NICE SMOOTH FLOW

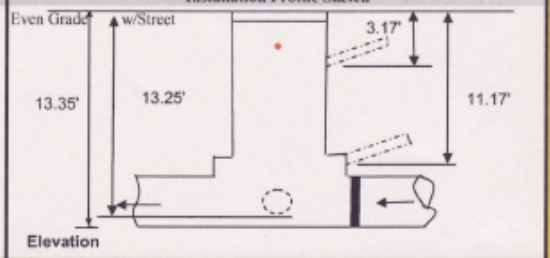
Meter Type: ADS - FlowShark

PART B - SITE INSTALLATION

Installation Plan Sketch



Installation Profile Sketch



Installation Information

	Incoming				Outgoing	OF
Line #	1	2	3	4	1	1
Size (in)	4	4	19.5	8	22.5	
Material	PVC	VCP	Liner	VPC	Liner	
Debris (Y/N)	N	N	N	N	N	
Shape	R	R	R	R	R	
Flow Depth (in):	0	0	6	0	6	
Instant. Vel. (fps)	0	0	4.75	0	4.75	

COMMENTS: Sanitary Sewer

MH condition poor, severe leaks at bottom.
*- No Steps in manhole.
Line # 2 may be abandoned

Installation Photo