



DEPARTMENT OF WATERSHED MANAGEMENT - PROGRAM MANAGEMENT TEAM
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APPENDIX A

Guidelines for Measuring Average Hourly Sanitary Sewer Flowrates in Existing Sewers

Flow Measurement Periods:

Commercial/Industrial Areas: 9:00 am – 3:00 pm Monday through Friday

Residential Areas: 5:00 am – 7:00 am Monday through Friday
 6:00 pm – 9:00 pm Monday through Friday

** Measurements must be taken over a period of not less than sixty (60) minutes!
 Measurements must be taken at manholes downstream of all proposed new connections for the development.*

Obtain Pipe Data From Point Of Connection To The Nearest Major Trunk:

Pipe size, pipe material, pipe slope

Example of Flow Measurements:

Type of Development: Predominantly Residential Area

Manhole Location: Nearest street address and detailed description or attach a site plan

<u>Date</u>	<u>Time</u>	<u>Flow Depth</u>
10-22-03	6:15 pm	4.5"
10-22-03	6:30 pm	6.0"
10-22-03	6:45 pm	7.5"
10-22-03	7:00 pm	7.0"
10-22-03	7:15 pm	6.5"
10-22-03	7:30 pm	6.0"

From this example, a flow depth of 6.25" will be used to calculate the peak hourly flowrate.

For more information please call Cletus N. Onyeka, P.E. at the PMT at the above telephone number.