

4.1. *Storm Sampling Frequency*

- 4.1.1. Eight storm-event samples are required per year. Sampling of larger storms near the peak discharge is preferred to ensure that higher loadings are represented. The collection of at least one storm event per quarter to capture seasonal effects is desired but has less priority than larger storms. In dry years, smaller discharges of at least twice that of the pre-storm discharge may be sampled.
- 4.1.2. Samples may be collected at any point in the hydrograph, i.e., rising or falling limb, or at peak discharge.
- 4.1.3. Two samplings are permitted during a single storm event. However, samples must be collected on different days so that two estimates of daily load can be calculated. This practice also applies to taking a storm sample after the collection of a routine storm-impacted sample.

PROPOSED CHANGES TO REQUIRED SAMPLERS

Table 5.2. Minimum Requirements for Nontidal Network Sample Types

Station Type	Discharge Velocity	Sample Type	Sampler	Number of Samples
Primary	≥ 1.5 ft./s	EWI, Isokinetic Depth- integrated	Hand Held: DH-81 or DH-95 Cable & Reel: DH? - 95 or D-77 <u>D-2 in</u> <u>channels ≥ 15 ft.</u>	See Table 5.3
	< 1.5 ft./s	EWI, Depth- integrated	<u>Hand Held: DH-81</u> <u>without nozzle?</u> Weighted Bottle: <u>DH-59</u> or <u>WBH-96</u>	See Table 5.3
Supplemental	≥ 1.5 ft./s	Isokinetic, Depth- integrated	DH-81 or DH-95	<u>1 centroid,</u> <u>or Table 5.3</u>
	< 1.5 ft./s	Depth- integrated	Weighted Bottle: DH-59 <u>or WBH-96</u>	1 centroid, or Table V.5

NUMBER OF EQUAL-WIDTH INCREMENTS – CURRENT REQUIREMENTS

Table 5.3. Minimum Number of Depth-Integrated, EWI Samples at Primary Stations

Width of Waterway (ft.)	Minimum # of verticals*
0-25	1
25-100	3
100-250	5
250-500	7
> 500	9