

**Table 2.** Examples of factors that could affect performance criteria for different types of aquatic sites

Example factors	Stream		Lake	Estuary	Ground water	
	Small	Large			Shallow	Deep
Site factors . . . . .	Reach Land use Flow	Reach Depth Transect Land use Flow	Wind Depth Transect Inflow/outflow Littoral/pelagic Bottom type	Depth Salinity zone Bottom type Wind	Terrain Land use Irrigation Pumping	Regional Context Land use? Pumping
Sample timing . . . . .	Time of day Season Precipitation Flow Shading	Time of day Season Precipitation Flow	Time of day Season Precipitation	Time of day Season Tides Precipitation	Precipitation Season Tides Pumping	Not an issue?
Sample type . . . . .	Flow weighted Grab Benthic	Flow weighted Grab Depth integrated. Benthic	Depth integrated. Horizontal tow Grab Benthic	Depth integrated. Horizontal tow. Grab Benthic	Grab Time/flow Composite	Not an issue?