

Rapid Assessment Methodology for Instream Substrate Form

Stream Name		Stream Code	Site Code	Sample	Date (yyyy/mm/dd)
Wetted Width (m)	Mean Water Depth (mm)	Comments			

Record standard substrate particles using a dot tally under the Standard Sizes section. Substrate particles ranging from 2mm – 100 mm must be measured along their median axis and recorded in the Measured Particles section.

Substrate Measurements

Standard Sizes					
Material	Description	Count (use box tally)			
		Substrate Particles	Total	Maximum Particles	Total
Unconsolidated Clay	Very hard packed when dry and sticky when wet				
Consolidated Clay	Hard even when wet, slippery, gray in colour, often laminated				
Silt	Feels soft like a powder or flour				
Sand	Gritty, sizes >0.05 and less than <2mm				
Bedrock	Exposed Bedrock				
Large Boulders	> 1000 mm but not attached to bedrock				
Concrete/ashphalt	Human made				
Gavia feces	Dense floating detritus				

Measured Particles	<i>Between 2mm and 1000 mm Measure median axis and record under 'Measured Particles'</i>	
Substrate Particles	Maximum Particles	

Crew Leader	Crew Members	Recorder	Entered	Verified	Corrected