

<b>METHOD #:</b>	<b>160.5</b>	Approved for NPDES (Issued 1974)
<b>TITLE:</b>		Settleable Matter (Volumetric, Imhoff Cone)
<b>ANALYTE:</b>		Settleable Matter
<b>INSTRUMENTATION:</b>		N/A
<b>STORET No.</b>		50086

## 1.0 Scope and Application

- 1.1 This method is applicable to surface and saline waters, domestic and industrial wastes.
- 1.2 The practical lower limit of the determination is about 0.2 mL/L/hr.

## 2.0 Summary of Method

- 2.1 Settleable matter is measured volumetrically with an Imhoff cone.

## 3.0 Comments

- 3.1 For some samples, a separation of settleable and floating materials will occur; in such cases the floating materials are not measured.
- 3.2 Many treatment plants, especially plants equipped to perform gravimetric measurements, determine residue non-filterable (suspended solids), in preference to settleable matter, to insure that floating matter is included in the analysis.

## 4.0 Precision and Accuracy

- 4.1 Data on this determination are not available at this time.

## 5.0 References

- 5.1 The procedure to be used for this determination is found in: Standard Methods for the Examination of Water and Wastewater, 14th Edition, p95 Method 208F, Procedure 3a (1975).