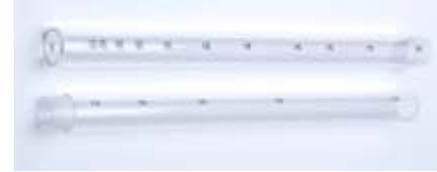


## Turbidity and Suspended Solids

by 26 inch tube



The Turbidity Test is designed to give a measure of the suspended solids content of the final effluent. It is also useful in following day to day variation in the quality of sewage and effluent.

The Turbidity Test uses a specially calibrated plastic tube and provides the simplest possible method of performing this important test.

The tube is graduated at 30 to 500 turbidity units on the 13 inch tube.

A double length tube of 26 inches with additional graduations from 5 to 25 turbidity is part of the kit.

### Test procedure

- 1) Hold the tube vertically over a white surface and view downwards.
- 2) Gradually pour in the effluent sample until the black cross is just no longer visible.
- 3) Read of the graduation corresponding to the height of the sample in the tube.  
This represents the turbidity of the effluent in Jackson Turbidity Units (JTU).
- 4) For sewage effluents the graduations may also be taken as being approximately equivalent to the Suspended Solids Content as milligrams per litre.

The Royal Commission standards for Effluents recommended that the suspended solids content of sewage effluent should be no more than 30 mg/l.

Any staining may be removed by the use of a household detergent.

The tube should be rinsed after each use.

Attention!  
Wear protective gloves and safety goggles when performing any tests using corrosive, harmful or irritant reagents. Do not ingest.