

METHOD STATEMENT



Determinand	%	Recreational water	Clean process water	Dirty process water	Surface water
		80%	80%	80%	80%
Suspended Solids	Rec.	98.18	98	100.91	97.95
	RSD	5.12	2.62	3.28	4.6

Determinand: Ashed Solids
 Range of Application: 3 mg/l upwards
 Normal Reporting Level: 3 mg/l

Determinand	Final Effluent		Trade Effluent		Soil Leachate		Surface water	
	%RSD	%Rec	%RSD	%Rec	%RSD	%Rec	%RSD	%Rec
Ashed Solids	3.60	95.73	11.33	90.55	3.95	92.00	6.47	91.64

Determinand	Groundwater		Crude Effluent		Landfill Leachate	
	%RSD	%Rec	%RSD	%Rec	%RSD	%Rec
Ashed Solids	3.36	96.23	7.80	98.91	2.42	94.82

Uncertainty of Measurement

The reported uncertainty is an expanded uncertainty calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.

Determinand	Uncertainty of Measurement %
Suspended Solids	11.39
Ashed Solids	16.75

References:

Suspended, Settleable, and Total Dissolved Solids in Waters and Effluents 1980.

Methods for the Examination of Waters and Associated Materials. HMSO. ISBN 011 751957 x.

ISBN 0-87553-161-X, Standard Methods for the Examination of Water and Wastewater.