

### Sediment Control Test Results via ASTM D 5141

Client: SOX Erosion

Log #: 1051

Date: 6/9/2021

Temperature, C: 25

Technicians: TC

Sample ID	Composition	Specimen #	Soil Type	Test Configuration (Vertical or Horizontal)	Specimen Width, cm	Flow Volume (L)	Distance from SRD to the edge of water behind SRD at end of 25 min (mm)	Flow Rate (m <sup>3</sup> /m <sup>2</sup> /min)	Flow Rate (GPM/ft <sup>2</sup> )	Initial Mass of Soil (g)	Final Mass of Soil (g)	Filtering Efficiency (%)
Sample T2 Double Layer	Knitted Geotextile	2	Clear Water	Vertical	81	50	0	1.979	48.573	0	0.00	n/a
			Silty Clay	Vertical	81	50	0	1.126	27.637	150	95.76	36.2



Typical Upstream View - With Sediment-Laden Discharge



Typical Downstream View - With Sediment-Laden Discharge



Testing Apparatus (typical)

Calculations & Report by: C. Joel Sprague, P.E.

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