

ITEM SPECIFICATION
for
SedCatch® Dewatering Bag/Tube™

SedCatch® Dewatering Bag/Tube™, as manufactured by:
www.SedCatch.com

1.0 Description:

- 1.1 Work covered under this item consists of furnishing, installing, maintaining, and removal of the SedCatch Dewatering Bag/Tube. The purpose is to collect sediment that is contained in the water that is being pumped, to prevent scour and erosion from water exiting a pipe at high velocity, to defuse the water over a wider area to minimize erosion as the water drains away, and to retain oil contained within effluent.

2.0 Material:

- 2.1 The above geotextile seams shall be double stitched with a high strength thread.
- 2.2 The SedCatch Dewatering Bag/Tube shall be made of a nonwoven, needle punched geotextile with the following characteristics:

Material	Polypropylene
Weight	8 oz.
Construction	Needle Punched

Property	Test Method	MARV
Tensile Strength (Grab)	ASTM D-4632	205 lbs
Elongation	ASTM D-4632	50%
Puncture	ASTM D-4833	110 lbs
Mullen Burst	ASTM D-3786	350 psi
Trapezoidal Tear	ASTM D-4533	80 lbs
UV Resistance	ASTM D-4355	70%
Apparent Opening Size	ASTM D-4751	80 Sieve = .18mm
Permittivity	ASTM D-4491	1.5 sec ⁻¹
Water Flow Rate	ASTM D-4491	110 gpm/ft ²

3.0 Installation and Use:

- 3.1 Place SedCatch Dewatering Bag/Tube on the ground or on a trailer over a relatively level, stabilized area.
- 3.2 Insert discharge hose a minimum of 5 ft inside SedCatch Dewatering Bag/Tube and secure with a rope (included wrapped 6 times around the snout over a 6 inch width of the bag).
- 3.3 Insert discharge pipe a minimum of 5 ft inside SedCatch Dewatering Bag/Tube and secure with a rope wrapped 6 times around the snout over a

6 inch width of the bag. To close the open end of the tube; overlap the tube 2 ft from the end, gather the center of the doubled up portion forming a bow tie, secure with a rope wrapped multiple times.

4.0 Maintenance:

- 4.1 Replace SedCatch Dewatering Bag when half full of sediment or when the sediment has reduced the flow rate of the pump discharge to an impractical rate,
OR; Empty SedCatch Sediment Tube when half full of sediment or when the sediment has reduced the flow rate of the pump discharge to an impractical rate,
OR; As directed by engineer or inspector.

5.0 Method of Measurement:

- 5.1 The quantity to be paid for the actual number of SedCatch Dewatering Bags/Tubes that are actually used.

6.0 Basis of Payment:

- 6.1 The unit price shall include labor, equipment, and materials necessary to install, maintain, and dispose of SedCatch Dewatering Bags/Tubes
- 6.2 Payment for completed work will be made at the contract price for:

UNITS	DESCRIPTION	EA
Quan	Size of Bag/Tube	Unit price