

## DEWATERING BAG/TUBE ITEM SPECIFICATION

SecCatch® Dewatering Bag/Tube™, as manufactured by:  
[www.SedCatch.com](http://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 |

| <b>Property</b>         | <b>Test Method</b> | <b>MARV</b>             |
|-------------------------|--------------------|-------------------------|
| Tensile Strength (Grab) | ASTM D-4632        | 225 lbs                 |
| Elongation              | ASTM D-4632        | 50%                     |
| Puncture                | ASTM D-4833        | 130 lbs                 |
| Mullen Burst            | ASTM D-3786        | 425 psi                 |
| Trapezoidal Tear        | ASTM D-4533        | 90 lbs                  |
| UV Resistance           | ASTM D-4355        | 70%                     |
| Apparent Opening Size   | ASTM D-4751        | 80 Sieve = .18mm        |
| Permittivity            | ASTM D-4491        | 1.26 sec <sup>-1</sup>  |
| Water Flow Rate         | ASTM D-4491        | 100 gpm/ft <sup>2</sup> |

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 |