

# SEDCATCH® SEDIMENT BASKET™ ITEM SPECIFICATION

## Manufactured by:

SedCatch  
8380 Point O Woods Court  
Springboro, Ohio 45066  
[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® Sediment Basket™. It's purpose is to filter sediment that water transports to the storm sewer system to conform with 40 CFR 122.26 - When applying for a National Pollutant Discharge Elimination System (NPDES) permit, facilities must have a plan in place that describes actions, procedures, control techniques, management practices and equipment available to prevent illegal discharge of pollutants into waterways.

### 2.0 Material:

- 2.1 The basket shall be manufactured from low carbon steel wire and welded as per SedCatch® specifications.
- 2.2 The SedCatch® Sediment Basket™ shall be made from geotextile with the following characteristics:

PROPERTY	TEST METHOD	MARV
Tensile Strength (Grab)	ASTM D-4632	370/200
Elongation	ASTM D-4632	15%
Puncture	ASTM D-4833	90 lbs
Mullen Burst	ASTM D-3786	400 psi
Trapezoidal Tear	ASTM D-4533	115 x 75 lbs
UV Resistance	ASTM D-4355	90%
Apparent Opening Size (AOS)	ASTM D-4751	35 US Std. Sieve
Percent Open Area (POA)	CW-02215 Mod.	10%
Permittivity	ASTM D-4491	2.0 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	200 gpm/ft <sup>2</sup>

**The property values listed above are subject to change without notice.**

### 3.0 Size:

- 3.1 The proper size can be ordered by measuring the actual size of the grate. Note any obstructions that could interfere with the SedCatch® Sediment Basket™.

### 4.0 Installation:

- 4.1 Remove Grate

- 4.2 Place SedCatch® Sediment Basket™ on storm sewer frame lip.
- 4.3 Place SedCatch® Dump Basket™ in SedCatch® Sediment Basket™
- 4.4 Replace Grate
- 5.0 Maintenance:
  - 5.1 Inspect after each rain or as directed by engineer/inspector
  - 5.2 If SedCatch® Dump Basket™ is not empty:
    - 5.2.1 Remove grate
    - 5.2.2 Lift the Dump Basket™ off of the Sediment Basket™ and dispose of contents in a suitable location.
    - 5.2.3 Replace the Dump Basket™
    - 5.2.4 Replace grate
  - 5.3 After approximately 10-20 dumps, or as needed, remove sediment that has found it's way around the Dump Basket™ that is resting in the bottom of the Sediment Basket™
    - 5.3.1 While the Dump Basket™ has been removed, lift out the Sediment Basket™
    - 5.3.2 Dispose the contents in a suitable location
    - 5.3.3 Replace Sediment Basket™ on storm sewer frame lip.
    - 5.3.4 Place SedCatch® Dump Basket™ in SedCatch® Sediment Basket™
    - 5.3.5 Replace Grate
- 6.0 Method of Measurement:
  - 6.1 The quantity to be paid for the actual number of SedCatch® Sediment Basket™ that is actually used.
- 7.0 Basis of Payment:
  - 7.1 The unit price shall include labor, equipment, and materials necessary to install, maintain, and dispose of SedCatch® Sediment Basket™
  - 7.2 Payment for completed work will be made at the contract price for:
 

UNITS	DESCRIPTION	EA
Quan	Size of Bag	Unit price