# DANDY POP® (POP-UP DANDY BAG®)
# INLET PROTECTION SYSTEM GUIDE SPECIFICATION

PRODUCT: DANDY POP®

MANUFACTURER:

Dandy Products Inc.
P.O. Box 1980
Westerville, Ohio 43086
Phone: 800-591-2284
Fax: 740-881-2791
E mail dlc@dandyproducts.com
Web www.dandyproducts.com

1.0 **Description:**

1.1 Work covered under this item consists of installing a Dandy Pop® inlet protection system. The purpose is to keep silt, sediment and construction debris out of the storm water system.

2.0 **Material:**

2.1 The Dandy Pop® inlet protection unit shall be a **sewn in the U.S.A**. geotextile fabric dome unit with a fully-covered support frame. The unit shall enclose the grate.

2.2 The Dandy Pop® shall unfold for installation to a height of approximately 24" (twenty-four inches).

2.3 The Dandy Pop® shall have lifting devises sewn to the bottom of the unit to assist in installation and to allow manual inspection of the storm water system.

2.4 The Dandy Pop® shall utilize an orange monofilament fabric that is manufactured in the U.S.A. with the following characteristics:

| PROPERTY | TEST METHOD | UNITS | TEST RESULTS |
|---|---|---|---|
| Grab Tensile Strength | ASTM D 4632 | lbs | 450 x300 |
| Grab Tensile Elongation | ASTM D 4632 | % | 40 x 25 |
| Puncture Strength | ASTM D 4833 | lbs | 130 |
| Mullen Burst Strength | ASTM D 3786 | psi | 600 |
| Trapezoid Tear Strength | ASTM D 4533 | lbs | 165 x 150 |
| % Open Area (POA) | COE - 22125-86 | % | 28 |
| Apparent Opening Size | ASTM D 4751 | US Std Sieve | 30 |
| Permittivity | ASTM D 4491 | $sec^{1}$ | 3.5 |
| Permeability | ASTM 4491 | cm/sec | 0.25 |
| Water Flow Rate | ASTM 4491 | $gal/min/ft^{2}$ | 250 |

| | | | |
|---|---|---|---|
| Ultraviolet Resistance | ASTM D 4355 | % | 70 |
| Color | | | Orange[1] |

[1]The color orange is a trademark of Dandy Products, Inc.
The property values listed above are effective October 2010 and are subject to change without notice.

3.0 **Installation:**

3.1 Pop open the Dandy Pop® near the inlet.

3.2 Stand the grate on end and slide the Dandy Pop® over the grate.

3.3 For oil and sediment model; to install or replace absorbent, place absorbent pillow in pouch, on the bottom (below-grade side) of the unit. As desired, or required, attach absorbent pillow to provided tether loop.

3.4 Turn the grate 180° on end (turn twice) so that the opening is facing up.

*3.5* Pull up slack and seal velcro® to enclose the grate.

*3.6* Lay the grate flat, and holding the lifting devises, insert the grate into the inlet making sure that the grate seats completely in the frame.

4.0 **Maintenance:**

4.1 The contractor shall remove all accumulated sediment and debris from panels and surface and vicinity of unit after each rain event or as directed by engineer/inspector. Dispose of unit no longer in use at an appropriate recycling or solid waste facility.

*4.2 For oil and sediment model; remove and replace absorbent when near saturation.*

5.0 **Method of Measurement:**

5.1 The quantity to be paid is for the actual number of Dandy Pop® inlet protection units installed

6.0 **Basis of payment:**

6.1 The unit price shall include labor, equipment, and materials necessary to complete the work and maintain the Dandy Pop® inlet protection units.

6.2 Payment for the completed work will be made at the contract prices for:

| ITEM | UNIT | DESCRIPTION |
|---|---|---|
| Dandy Pop® | EA | Inlet Protection Units (#_____INLET) |