

Best Management Products, Inc.

U. S. Patent # 7,857,9622 Canadian Patent # 2688012

Bio-Skirt™ Installation Instructions

1. Select the appropriate number of Bio-Skirts as follows
For 12" and 18" SNOUTs or NP1218 or NP1524 (use one Bio-Skirt).
For 24" and 30" SNOUTs or NP1830 or NP2430 (use two Bio-Skirts).
For 36" to 52" SNOUT (use three Bio-Skirts).
For SNOUT sizes over 52" consult with BMP application engineer.
2. Position the Bio-Skirt centered across the width of the SNOUT so that the blue webbing stripe with grommets will float approximately at the static waterline (see photo 3).
Place one stainless clip on each side of the SNOUT at the invert of the outlet pipe.

If this is an existing SNOUT installation, follow the instructions below to secure the mounting bolts and clips, directly onto the structure wall on either side of the SNOUT. You may also utilize existing bolts on either side of the Snout if they will allow the Bio-Skirt to float at the static waterline. (see photo 1).

3. Install the Anchor Assemblies and Clips as follows.

Concrete Structures:

Mark the location of where the anchors will be placed:

- (1) Drill a 3/4" hole into the base material to the required depth (approximately 1-1/4" deep.)
- (2) Blow the hole clean of dust and other material.
- (3) Insert the anchor into the hole. Narrow end of cone must point out, lead shield slides over cone.
- (4) Position the setting tool or a 9/16 socket against the anchor outer sleeve. (The outer rim of the tool or socket should seat onto the lead shield rim.) Set the anchor by driving the lead sleeve over the cone using several sharp hammer blows. Be sure the anchor is at the required embedment depth (flush or slightly below face of concrete)
- (5) Attach the clip, aligned vertically, onto anchor with the supplied bolt and washer (see photo 1).

Plastic Structures:

- (1) Mark and pre-drill two pilot holes (3/16") for the 14 x 1-1/4" SS self-tapping hex drive screws provided in kit. Install 1/4 x 1" Neoprene Backed Washer and clip on each screw and tighten to approximately 10-15 pounds (see photo 1).

4. Assemble the Bio-Skirt tethers, using the provided black adjustable hooks and blue elastomeric cord (see photo #2). Cut cord to length as needed.
5. Attach the Bio-Skirt using the two tethers, one per side, and four hooks, two per side, one hook attached to grommet and one hook to clip on each side.

For applications where multiple Bio-Skirts are deployed together for larger SNOUTs, connect skirts grommet to grommet with hooks and cord as supplied in installation kit. Trim cord sections to length between Bio-Skirts to loosely span circumference of SNOUT.

Bio-Skirt Installation Kit Items:

- 2- 14 x 1-1/4 stainless steel self-tapping hex drive screws
- 2- 1/4 x 1" neoprene backed stainless steel washers
- 2- 3/8" expansion anchor assemblies (anchors, stainless bolts & stainless washers)
- 4- Plastic Hooks
- 2- Stainless Steel Bio-Skirt Clips
- 1- 6' Length Elastomeric Cord (cut two pieces to length)

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BIO-SKIRT INSTALLATION INSTRUCTIONS



Photo1. Clip shown on
SNOUT (Align Vertically)



Photo 2. Hook and Cord Assembly

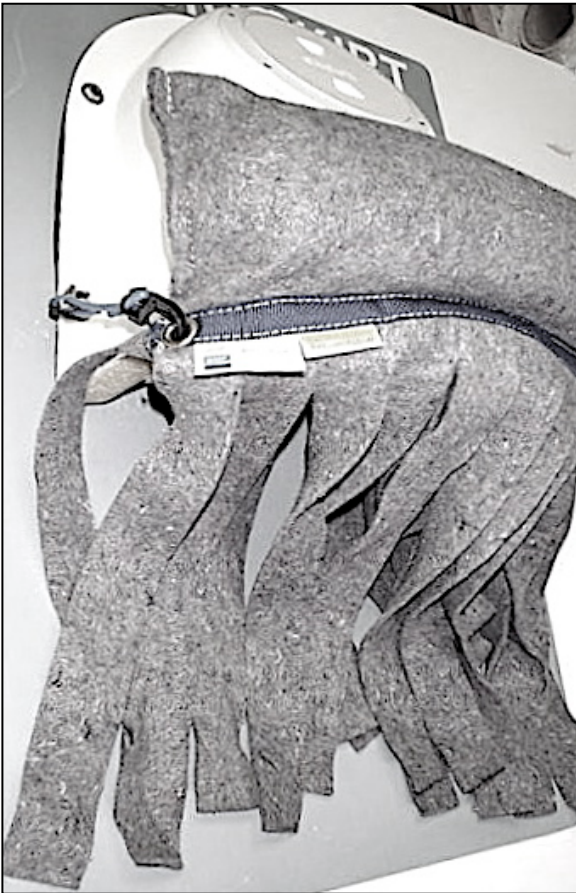


Photo 3. Installed Bio-Skirt, grommet and clip at static water line.

Maintenance Note: Should Bio-Skirt become saturated with oil, it can be wrung out and re-deployed. It can also be washed in a washing machine and re-deployed. The anti-microbial properties of the fabric will stay intact, even after washing. Dispose of any captured oils or the Bio-Skirt themselves according to local, state and federal regulations.