

SANDBAG CHECK DAM

Gator Guard Sandbag Check Dams form a step to slow runoff water flow, deposit sediment and dissipate energy in channels, swales and gullies. An upstream apron is trenched-in to prevent piping and underflow washouts. Tapered sandbags, filled with dirt on-site, are covered with a UV resistant monofilament geotextile, forming a little dam. The downstream splash apron protects soil from waterfall erosion.

GATOR GUARD SANDBAG CHECK DAMS are a **BETTER ALTERNATIVE** to straw bale check dams. They are economical, effective, lightweight, compact, easy to install, animal friendly, not animal food, weed free, and expected to last many years. Low height check dams allow vegetation to grow in deposited sediment, with less concern of washout.

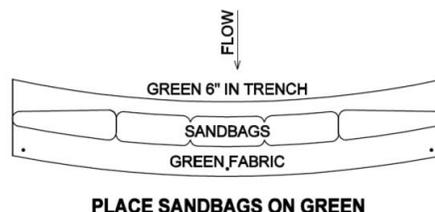
NOT ON YOUR PLANS – Write in Gator Guard Sandbag Check Dams on the SWPPP as an equal or better BMP, sign and date. (if in-doubt, check with your engineer, contract administrator and/or agency official first)

PACKAGE INCLUDES: 10-foot check dam geotextile with three 8-inch diameter sandbags, two tapered sandbags, 20 pins and 7 zip ties. 1 package = 3 pounds = 16-in x 7-in diameter.

TOOLS RECOMMENDED: Shovel, mattock, hammer, sandbag funnel, gloves

INSTALLATION

1. Select location. Use a 10-ft string and string level to locate ends at same elevation.
2. Dig a 6-inch deep trench 10-ft long. Place fabric – green apron upstream - black on top.
3. Insert 6-inches of upstream green apron in trench, backfill both sides and foot compact.
4. Smooth the area below the trench and pin the green downstream apron in place.
5. Fill 5-green bags with dirt and zip-tie closed. Place filled bags on the green fabric with seams down and ends tight together. Tapered bags fit on each end.
6. Pull black fabric snugly over sandbags and pin splash apron tight to ground.
7. Re-check overflow with level. Backfill and compact dirt against upstream side of dam. Build-up and compact dirt around ends to prevent end-washout from high flows.
8. For gentle swales two check dams may be combined - cut seam thread to overlap 1-ft.



SPECIFICATIONS & PHOTOS

SANDBAG CHECK DAM

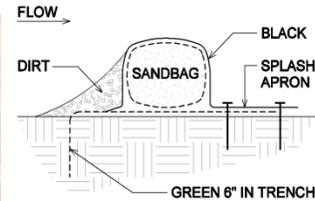


Package

Trench

Apron in Trench

Backfill & Compact



Fill Sandbags

Position Sandbags

Cover & Nail

Install Cross-Section

Gator Guard Environmental Products Inc.

Description	Sandbag Check Dam	
Part No.	SCD810	
Diameter of Sandbags	8-inch	
Length	10-feet	
Splash Apron	10-inch	
Footprint	2-ft x 10-ft	
Weight – Each	3-pound Roll	
- Box of 8	26-pounds	
Dimensions – Each Package	16-in x 7-in diam.	
- Box of 8	24-in x 16-in x 12-in box	
Fabric: - Color	BLACK (top)	GREEN (bottom)
- Purpose	Tough UV Resistant Dam Covering	For Sandbags & to Stop Underflow Washouts
- Material	Woven polypropylene Monofilament	Woven polypropylene Slit Film
- Type	Silt Fence	Ground Cover
- Weight	6 oz./sq. yd.	3.1 oz./sq. yd.
- Tensile Strength	340 x 100 lbs.	150 x 90 lbs.
- Puncture	600 lbs.	65 lbs.
- Water Flowrate	104-gpm/sf clean water, <2-gpm/sf dirty water	10-gpm/sf clean water, <1-gpm/sf dirty water
- UV % Strength	90% after 500 hrs.	80% after 2400 hrs.
Thread	UV Resistant Polyester	
Install Pins 5-in Cap Nails	20 included (in each pack)	
11-inch Cable Ties	7 included (in each pack)	
Functional Life (expected)	5 years (excludes major damage)	