

## REUSABLE SEDIMENT CONTROL WATTLE (NOT BIODEGRADABLE)

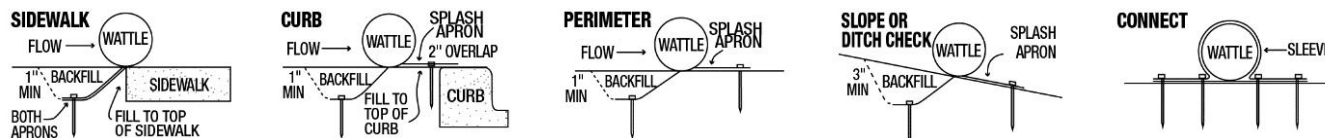
98% effective GATOR GUARD wattles are a BETTER ALTERNATIVE to straw wattles and silt fence for most, but not all applications. (20 times less soil loss than straw wattles)

**NOT ON YOUR PLANS – Write in Gator Guard wattles 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:** One 25-foot x 6-inch diameter wattle, 14 or 22 nails, 2 zip ties (UV resistant geotextile stuffed with recycled closed-cell foam.) Weight = 10lb. Std., 11lb Ext.

## INSTALLATION Single or Double Apron – Standard or Extreme

1. Prepare a smooth path or trench and install per drawings below.
2. Do not place wattles across rock site entrance. Limit Collection Area - Release water to a hard surface in several places.
3. Place wattle with tag downhill (tag at left end - looking uphill).
4. Reposition Foam: Standard - shake the squeezed end. Extreme – shove foam in tight.
5. For sidewalk application, nail both aprons uphill per drawing. Fill to top of sidewalk.
6. Pin uphill apron every 3-feet (2-inches from edge of apron) using nails included. Pin downhill splash apron every 6-feet, if used.
7. Connect two wattles (per figure). Overlap aprons, pull sleeve tightly over second wattle, pin as shown (through both aprons).
8. Place 1-inch of dirt minimum on uphill apron and compact with your feet.
9. To cut a wattle, shake stuffing from desired cut location, insert two zip ties around wattle tube about 6-inches apart and tighten. Cut fabric with a scissors.
10. **For high flow channels, use a series of wattles to catch sediment overflow.**



## MAINTENANCE

1. Repair cuts with caulk – stuff anything in the hole for temporary fix – pick up foam.
2. Inspect, clean out excess sediment and repair washouts after each runoff event.
3. Dispose of wattle properly if damaged, deteriorated or no longer needed.

## REMOVAL / RE-USE

1. Pull up wattle by hand, remove dirt and pins for reuse, **or THROW IT AWAY - it's OK.**
2. Remove weeds and seeds before transport to another site.

# SPECIFICATIONS – STANDARD & EXTREME SEDIMENT CONTROL WATTLE



## Gator Guard Environmental Products Inc.

	STANDARD*	EXTREME**
Part No.	RSW625	ESW625
Diameter	6-inch	
Length	25-feet	
Apron Width (upstream and splash aprons)	8-in Single or Double	8-in each – Double only
Connection Sleeve	12-inch (at one end)	
Weight – Single Roll / Bundle	10-pound Roll	11-pound Bundle
- Multi-Pack	30-pounds 3-pack	22-pounds 2-pack
Dimensions – Single Roll / Bundle	39-in diam. x 7-in thick	100-in x 18-in x 6-in
- Multi-Pack	39-in diameter x 21-in thick 3-pack	100-in x 18-in x 12-in 2-pack
Fabric: - Material	Woven polypropylene Monofilament	
- Type	High Quality Silt Fence	
- Weight	6 oz./sq. yd.	
- Tensile Strength	375 x 250 lbs.	
- Puncture	120 lbs.	
- Water Permeability	100-gpm/sf clean water, <10-gpm/sf dirty water	
- UV % Strength	90% after 500 hrs.	
Thread	UV Resistant Polyester	
<b>Foam Filler</b> * ** - Closed cell polyethylene foam	Random cut recycled scrap (fist size & smaller) *	6"x50" rolled sheet foam (from recycled plastic) **
*Note: <b>Standard</b> - Wattle becomes egg shaped when driven over, but can easily be reformed back to round. Standard foam pieces can escape if the fabric is ripped open, or deteriorated, creating foam litter.		
**Note: <b>Extreme</b> - Wattle keeps nearly full height when driven over, and has no foam litter if ripped open.		
Install Pins 5-in Nails (included) – Double Apron Single Apron	22 in each pack 14 in each pack	22 in each pack
Alt. Install Pins 6-inch Landscape Staples	Purchase Locally	
Alt. Install Pins - Big Nails 40-D or larger	Purchase Locally	
Installation Pin Spacing	3-ft upstream apron, 6-ft splash apron	
11-inch Cable Ties (for cut-to-length)	2 included (near tag)	
Cover apron w/ dirt (compact w/ feet)	1-inch of dirt minimum	
Accidental cut repair	Fill cut with caulking or replace	
Functional Life (expected)	5 years (excludes major damage)	
Soils Lab Testing	San Diego State University – Jan. 2008	
% Effective - LA Basin 10-yr storm Equiv.	98% effective for 3:1 slope	

Date: October, 2015 – The above properties are typical averages.  
All test methods are ASTM or Industry Standards.

## REUSABLE SEDIMENT CONTROL WATTLE

# DAMAGE PREVENTION GUIDELINES

Driving over any BMP is NOT recommended. It will immediately or eventually damage it and can cause erosion, track-out and litter.

Gator Guard wattles can typically withstand occasional “necessary” drive-over with little or no damage. “Unnecessary” drive-over should be avoided.

## INSTALLER / MAINTENANCE GUIDELINES

1. Do not place wattles across rock site entrance – curve it up along both sides.
2. Keep wattles 6-inches back from exposed sidewalk and curb edges.
3. Inspect for tears and escaping foam every 1-2 weeks – Fix tear and pick up foam.

## CONTRACTOR GUIDELINES

1. Instruct workers to respect BMP’s and avoid “unnecessary” drive-overs.
2. Instruct workers to move BMPs instead of damaging them.
3. Fix damaged wattles and pick up spilled foam.

## WORKER GUIDELINES

1. Move BMPs before digging – don’t cut the BMP with a backhoe or loader bucket.
2. Avoid “unnecessary” drive-over of all BMP’s.
3. If a tear occurs, stuff anything in the hole, pick up the foam and notify contractor.

## HOW TO FIX A TORN GATOR GUARD WATTLE

1. The quickest temporary fix is to stuff anything into the hole to contain the foam.
2. Patch small cuts with any type caulking. Dispose of loose foam.
3. For large tears, replace wattle, or use 2 zip ties (located in apron near tag) to tie-off both sides of the tear. Dispose of loose foam.
4. Dispose of BMPs properly if severely damaged, deteriorated or no longer needed.

# HOW GREEN ARE GATOR GUARD WATTLES?

<b>GREEN SCORES:</b>	<b>PERFORMANCE – 98% effective*</b>	<b>A+</b>
	<b>(20 times less dirt loss than straw wattles)</b>	
	<b>RE-USE – several jobs – 5-yr life exp.</b>	<b>A+</b>
	<b>MATERIALS:</b>	
	<b>Fabric – tough, durable, repairable</b>	<b>A</b>
	– inert, hydrocarbon base	<b>C</b>
	<b>Foam – recycled scrap foam</b>	<b>A</b>
	– inert, hydrocarbon base	<b>C</b>
	– escapes thru cuts – patch/pick-up	<b>D</b>
	– photodegradable 1-3 yrs	<b>C</b>
	<b>DISPOSAL – garbage dump</b>	<b>F</b>
	– compacts 90% in dump	<b>B</b>
	<b>ENVIRONMENT – cleaner streams</b>	<b>A</b>
	– animal friendly	<b>A</b>
	– looks good, inconspicuous	<b>A</b>
	<b>SPONSOR – wetlands, river cleanup etc.</b>	<b>A</b>
	<b>MANUFACTURING – we recycle</b>	<b>A</b>
	– low energy use	<b>A</b>
	<b>SHIPPING – lightweight, low fuel use</b>	<b>A</b>

**WHAT'S MOST IMPORTANT? PERFORMANCE!!!**

**TOTAL GREEN SCORE: A**

\* BASIS: 10-yr Los Angeles Basin storm event on 3H:1V dirt slope.



Gator Guard Wattle



Straw Wattle



No Treatment

<b>10-yr Storm:</b>	<b>1-kg soil loss</b>	<b>20-kg soil loss</b>	<b>45-kg soil loss</b>
<b>% effective:</b>	<b>98%</b>	<b>55%</b>	<b>0%</b>