



# Turbidity Curtain

## Floating Barriers for DOT Compliance

Widely accepted as an effective Stormwater BMP, turbidity curtains keep your jobsite in compliance by increasing settling time. The turbidity curtains form a barrier that catches and contains sediment filled water until the silt settles back to the bottom where it belongs.

Choose from Type 1 options for calm water, Type 2 for mild current, or Type 3 for moderate environmental conditions. Our DOT models meet or exceed all known federal and state governmental specifications, including NPDES Phase 2 requirements. Economy grade models are also available. Standard sizes are typically in stock and ready to ship. Custom sizes are available upon request.



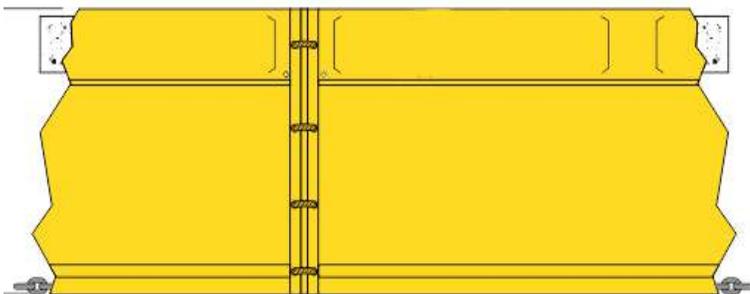
# Turbidity Curtain

## Type I - DOT Turbidity Curtain

Recommended for construction sites located in protected areas exposed to light winds and light currents (< 1 ft/sec), such as ponds, shallow lakes, small streams, and marshes. Barrier sections are connected by rope lacing or nylon ties. Our Type I DOT turbidity barrier meets or exceeds all known federal and state governmental specifications, including NPDES Phase 2 requirements.



Standard Panel Size: Note: Custom sizes are available on request	50' wide x 3', 5' or 10' deep
Fabric:	18 oz Vinyl-Polyester Fabric, Safety Yellow 22 oz Vinyl Polyester Fabric, Safety Yellow Optional: Geotextile Woven Filter Fabric Skirt
Seams:	Heat Sealed
Edge Reinforcement:	5/8" polypropylene twist rope edge reinforcement
Floats:	6" x 6" x 48" EPS foam blocks with 13.5 lbs/ft buoyancy (fresh water), and 14.4 ft buoyancy in salt water
Connectors:	#4 brass grommets, approximately 12" O.C. in edges for laced connection
Ballast:	1/4" galvanized steel ballast chain – 65 lbs/100 ft



*\* Economy models are also available with lighter components. However, they may not meet specifications in certain states. Please check your project requirements and local regulations.*



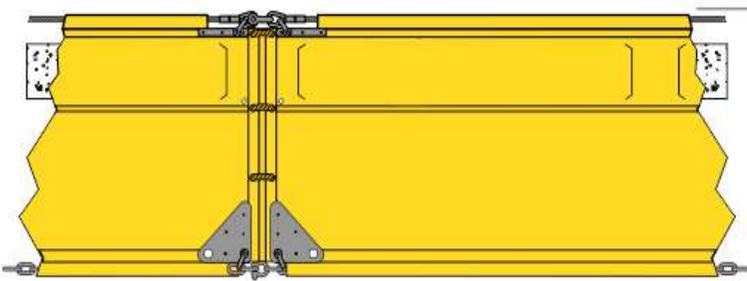
# Turbidity Curtain

## Type 2 - DOT Turbidity Curtain

Type 2 DOT Curtain is a workhorse that features a top load cable, special corner stress plates, and is designed to handle more severe conditions. Recommended for lakes, streams, intercoastal and tidal areas with currents of less than 5 ft/sec. Anchorage plans need to be site specific. Our Type 2 DOT barrier meets or exceeds all known federal and state governmental specifications, including NPDES Phase 2 requirements.



Standard Sizes (Custom Sizes by Request):	50' wide x 3', 5' or 10' deep
Fabric:	18 or 22 oz Vinyl Polyester Fabric, Safety Yellow Optional: Geotextile Woven Filter Fabric Skirt
Seams:	Heat Sealed
Edge Reinforcement:	5/8" polypropylene twist rope edge reinforcement
Corner Reinforcement:	Aluminum stress plates at top and bottom corners
Top-Load Cable:	5/16 inch 6 x 9 vinyl coated galvanized steel (aircraft cable) topload cable, 9,160 lbs breaking strength
Floats:	8" x 8" x 48" EPS foam blocks with 26.7 lbs/ft buoyancy (fresh water), and 28.4 ft buoyancy in salt water
Connectors:	#5 brass grommets, approximately 12" O.C. in edges
Ballast:	5/16" galvanized steel ballast chain – 100 lbs/100 ft



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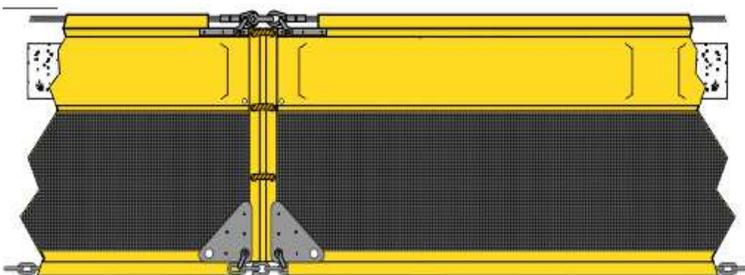
# Turbidity Curtain

## Type 3 - DOT Turbidity Curtain

This turbidity barrier takes the Type 2 curtain one step further by adding a permeable fabric panel to filter sediment and reduce pressure on the curtain. Approximately 20% of the barrier's skirt is made of this permeable panel. Our Type 3 DOT turbidity barrier meets or exceeds all known federal and state governmental specifications, including NPDES Phase 2 requirements.



Standard Sizes (Custom Sizes by Request):	50' wide x 3', 5' or 10' deep
Fabric:	22 oz Vinyl Polyester Fabric, Safety Yellow Geotextile Woven Filter Fabric Skirt
Seams:	Heat Sealed
Edge Reinforcement:	5/8" polypropylene twist rope edge reinforcement
Corner Reinforcement:	Aluminum stress plates at top and bottom corners
Top-Load Cable:	5/16 inch 6 x 9 vinyl coated galvanized steel (aircraft cable) topload cable, 9,160 lbs breaking strength
Floats:	8" x 8" x 48" EPS foam blocks with 26.7 lbs/ft buoyancy (fresh water), and 28.4 ft buoyancy in salt water
Connectors:	#5 brass grommets, approximately 12" O.C. in edges
Ballast:	5/16" galvanized steel ballast chain – 100 lbs/100 ft



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# Turbidity Curtain

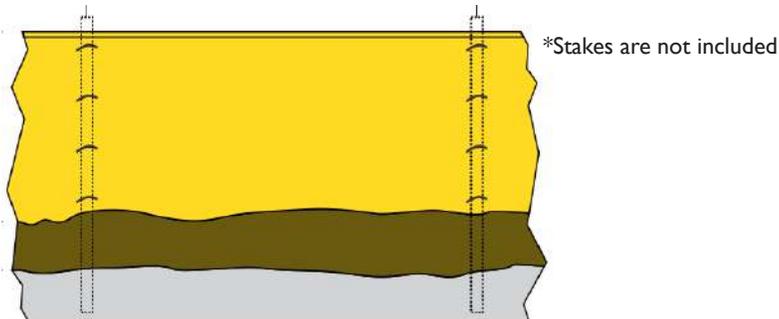
## Staked Turbidity Fencing

While typically used to contain or direct stormwater, it can also be used as a turbidity curtain or to create a temporary containment area in calm, shallow water sites (up to 18" of water depths). Made from impervious vinyl-polyester fabric, it can be used on sites with low to moderate slopes. Easy to set up, water will not penetrate the fence, making this an economical way to control runoff.



Standard Sizes (Custom Sizes by Request):	44.5" high x 100' long
Fabric:	18 oz Vinyl-Polyester Fabric, Safety Yellow, Matte Finish
Construction	9 x 9/1" by 840 x 840
Seams:	Heat Sealed
Grab Tensile (FS 5100 / ASTM D5034)	281 x 247 lbs/2"
Tongue Tear (FS 5134 / STM D2261)	51 x 45 lbs/ 1"
Adhesion (FS 5970 / ASTM D751)	20 lbs / 2"
Cold Crack (FS 5874 / ASTM D2136)	-4 degrees F

We also carry the installation supplies you need to get the job done, including: stakes, ties, staples, and more!



# Accessories

## Boom Anchor Styles



Navy Style Anchors



Pyramid Anchors



Fluke Anchors



Mushroom Anchors

## Boom Accessories



Anchor Kits



Marker Lights



Marker Buoys



Seabin

*We are here to serve you. Just call or email with your project specifications and details, and we'll do the rest. Our goal is to provide the best solution for your project, with materials delivered on time at a price that fits nicely within your budget.*

For more complete information on One Clarion products and solutions, visit us on the web at [www.clarionmunicipal.com](http://www.clarionmunicipal.com).

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