
Turbidity Curtain Inspection Guideline

PSI can provide site-specific advice, please contact us at (+1)757-485-2952 to discuss your project requirements.

Setup & Assembly

The first step in any silt barrier installation is to lay out the sections of your barrier so they can be easy to assemble and connect together.

- In general, most silt barriers come in sections that are either 50 or 100 feet in length. Custom section lengths are also available upon request. Prior to connection, these sections should be laid out in preparation for connection.
- These sections should be connected together before they are placed into the water to form your total needed lengths. (See below)

Connecting the Barrier Sections

In order to connect multiple sections of these turbidity curtains, please follow the procedure listed below.

- Attach the bottom chain of the barrier (please note that on the bottom of our barriers, there will be a metal snap hook. These barriers require that you attach the snap hook to the steel ring.) Type I curtain has hook and ring on bottom ballast only. Type II has hook and ring on bottom ballast and secondary tension member below the float. Type III has hook and ring on bottom ballast and secondary tension member below the float with an additional cable installed midway on skirt which also attaches via hook and ring.
- Connect the Aluminum/PVC section connectors if provided. Primarily used on Type III curtains. Type I & II primarily only use a lace/grommet connection.
- Lace the grommet eyes

Important Note: Each section of the barrier is **bundled separately** when shipped from our factory. The bundles are secured and placed on pallets, or directly onto a commercial truck/container. The skirt of the barrier is furled to the flotation with light twine. Try to find an adequate space for the silt curtains to assemble. **Do not cut the twine lines until the barrier is towed and anchored in the desired position.** If your barrier has been supplied with reefing lines to adjust the depth of the skirt in the water, do not cut them!

Some Additional Considerations

- When towing the curtain, make sure that the curtain does not become twisted during the process.
- Work to avoid sharp objects or areas which may damage the silt barrier during its deployment.

Visual inspection by boat

Inspect the following:

- Ensure the anchoring systems are holding and the lines are not damaged or chafed.
- Ensure any heavy debris is clear of curtain, as this could result in damage or submerging of curtain.
- Inspect visible hardware above the waterline. (shackles/cables) Repair as needed
- Inspect the fabric (tears, chafing etc.) Repair as needed
- If reefing lines have been installed, pull them to ensure the curtain is not resting on the bottom. Adjust them as needed to ensure the curtain is approximately 1' off the water bottom. This is to ensure curtain will not get buried on the bottom from silt generated.

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Inspected by

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