

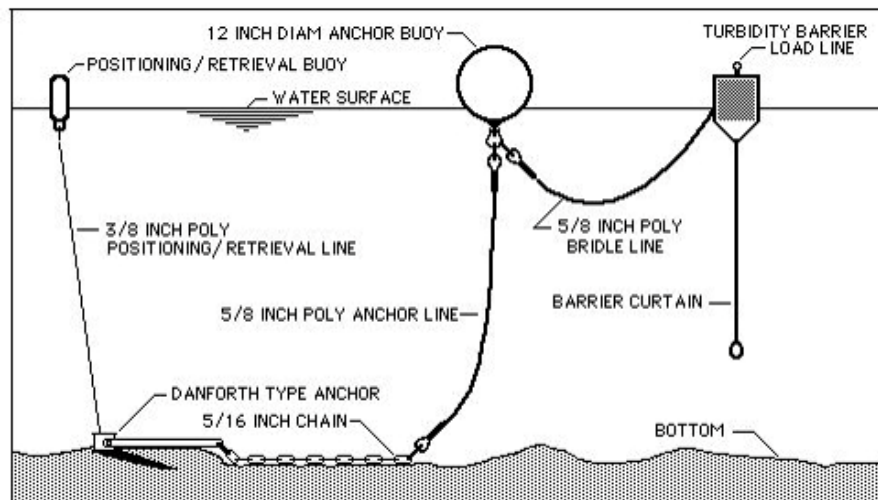
ANCHOR KIT for *Tough Guy*[®] Floating Turbidity Barriers

SYSTEM DESCRIPTION: Type 2 and Type 3 Floating Turbidity Barriers must be anchored to maintain their position in water currents, wind, and/or tidal movements. To protect the barrier, the anchoring system must be engineered to handle the stress load that moving water imparts on the barrier. Following are guidelines for the proper specifications and installation of an Anchor Kit.

Anchor Kits are engineered to best position and protect Types 2 and 3 Tough Guy[®] Turbidity Barriers. Each component fulfills a specific function, as described herein, and all components are factory assembled – ready to be simply attached to the floating barrier.

- The ANCHOR BUOY is necessary to act as a buffer between the anchor and the barrier. It protects the barrier from sudden, damaging stress from the anchor line due to wave, current, or wind actions. Each order includes an air needle to allow easy buoy inflation.
- The POSITIONING/RETRIEVAL BUOY is necessary to allow easy installation, exact barrier positioning, and easy anchor removal.
- The DANFORTH TYPE ANCHOR provides a positive gripping hold on most waterway bottoms. It has been factory drilled near the anchor hook pivot point, allowing the positioning/retrieval line and buoy to be attached in a way that assures easy dislodging and removal at project's end.
- The Anchor Kit's three lines, four thimbles, seven shackles, and one anchor rode chain are all needed to achieve peak barrier performance and best anchor holding capabilities. All are factory assembled, including professionally braided rope end loops.
- If customer prefers to use their own concrete anchors, the Anchor Kit is available without the Danforth type anchor.

ANCHOR KIT INSTALLED WITH FLOATING BARRIER



INSTALLATION INSTRUCTIONS

To install an Anchor Kit on one side of Floating Turbidity Barrier, Type 2 or 3:

1. Attach the LOAD LINE to the cable loop in the end of the top tension cable of the barrier, using the SHACKLE at the end of the load line.
2. Back boat away from the barrier and drop the ANCHOR BUOY into the water.
3. Slowly back further away from the barrier while paying out all of the ANCHOR LINE, carefully lower the ANCHOR over the side, and lower the anchor with the POSITIONING/RETRIEVAL LINE until it settles onto the bottom.
4. Hold the POSITIONING/RETRIEVAL BUOY, slowly back away further until the barrier is in the desired position, and drop the POSITIONING/RETRIEVAL BUOY into the water.

To remove an Anchor Kit: Grab the POSITIONING/RETRIEVAL BUOY and lift the LINE until ANCHOR is dislodged from bottom. Retrieve the entire Anchor Kit and detach from the barrier.