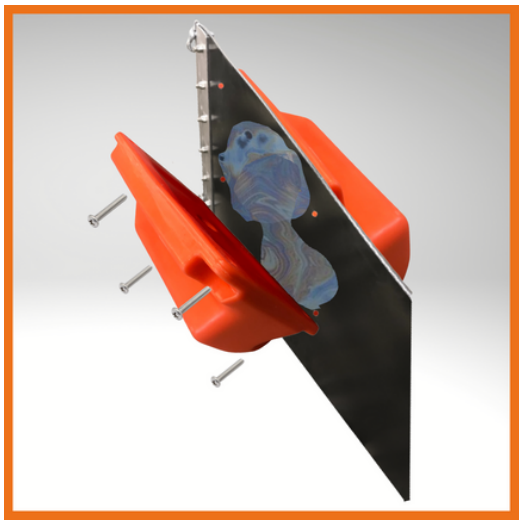
# PERMA-BOOM MAINTENANCE

ACME ENVIRONMENTAL
2666 N Darlington Ave
Tulsa, OK 74115
855.563.2666
www.ACMEboom.com

**ACME Perma-Boom** is a specially designed permanent floating barrier for long-term service. Its extremely rugged construction and excellent resistance to weathering provide years of reliable, low-cost performance.
While **ACME Perma-Boom** needs very minimal amounts of maintenance due to its sturdy composition, there are a several things that can be done to ensure a longer lifespan and higher performance of this specialty boom.

**REPAIR AND REPLACEMENT:**
Perma-Boom utilizes heavy duty, unsinkable rotomolded floats that contain a closed cell foam. These are heavy duty and reliable, but if damaged by a vessel and crack they will need to be replaced. Damage to the extent of replacement is unlikely, but can happen in two forms; float cracking and belt ripping. Cracking can come from prolonged sun exposure which will weaken the integrity of these floats over the course of years. While cracked floats will not sink nor take on any crude product due to their closed cell foam, they will still need to be replaced as soon as possible to ensure the floating capacity and integrity of the entire boom section. Belting can also rip near the connectors' edge. If the belting is ripped, cut the belting with a knife and/or straight edge, and re-attach the connector and backing plate.

**ROUTINE CLEANING:**
The heavy-duty, PVC-coated polyester includes UV and marine growth inhibitors to allow for lower amounts of maintenance. Over time, there are still some types of vegetation that can attach itself to and grow from the belting. These include kelp, algae, and barnacles. If permanent boom is left in the water long enough to collect marine growth, they should be cleaned approximately every 6 months or so. By either removing the boom from the water completely, or raising it above water level from a vessel or dock, these can be power washed to remove any growth that has accumulated. This cleaning can also be accomplished by two men using a johnboat and a long handle scraper. Simply go along the boom and scrape the marine growth off the belting material & floatation. If the boom is taken out of the water to be cleaned, marine growth will have to removed before they dry. These natural marine plants will not damage the belting, but can weigh it down to a point it is not able to float at full capacity.



**OIL BEHIND FLOATS:**
In the event of a spill within the contained area, product can become trapped between the floats and the belting, as well as in the drilled areas that allow for the corrosion resistant hardware to fasten the floats to the belting. When this occurs, floats can be removed and cleaned individually or they can be power washed while still attached to the system (depending on the severity of the spill and the amount of product that has become trapped). When cleaning, a commercially available industrial detergent or water solution is suggested to remove these contaminants. Delay in cleaning will make this task more difficult so it is suggested to observe and take the proper cleaning measures immediately after the contained contaminants have been removed from the area.