

For Immediate Release from

Highland Tank[®]

One Highland Road, Stoystown, PA 15563 • Phone: 814-893-5701, FAX: 814-893-6126
Contact: Thomas Schoendorf, Division Manager • Email: tschoendorf@highlandtank.com

Highland Tank Oil/Water Interceptors for Gulf Spill Cleanup

Highland Tank Oil/Water Interceptors are being put to work on the Gulf Coast to assist in the cleanup efforts relating to the Deepwater Horizon oil spill disaster.

The Highland Tank Oil/Water Interceptor is a reliable wastewater treatment tank for heavy crude oil spill cleanups. It is skid mounted for placement on a boat, barge, beach, or pier. The Interceptor contains multiple compartments where crude oil separates and floats to the surface, leaving clearer water beneath as the discharge effluent. Any sand or debris sucked up in shoreline cleaning sink to the bottom and accumulate at the sludge baffle.

In operation, oily laden water is pumped in to the Interceptor and allowed to separate under the action of gravity alone - the Interceptor retains the wastewater long enough to allow crude oil and sand/debris to separate from the water due to their differences in specific gravity. The surface oil may be drawn or pumped off to nearby storage tanks while the separated water is drained or pumped overboard from near the bottom of the Interceptor. As the pumping is continuous, the pumping rate determines the residence time and this affects the degree of separation. For this reason, the ratio of Interceptor volume to the pumping rate is critical. Residence times of 10 to 30 minutes are typical in crude oil/seawater applications.

This link fully describes this system:

http://www.youtube.com/watch?v=j_h3PG0W9nA&feature=email



Interceptor volumes range from 350 to 60,000 gallons with flow rates ranging from 35 to 6,000 gal./min., respectively. The cylindrical/closed vessel design resists loss of separation efficiency due to rolling and pitching on board the vessel. Additionally, smaller units of 12,000 gallons or less can be assembled for easy transportation and offloading.

Highland Tank Interceptors are mass produced at four of our factories allowing for hundreds of wastewater treatment tanks to be available rapidly for spill cleanup.

"Highland Tank Oil/Water Interceptors - Cleaning the Gulf, One Drop at a Time!"

Call today for more information or visit us at www.highlandtank.com for complete Wastewater Treatment Systems information. You can also download all of our new catalogs at: <http://www.highlandtank.com/Resources/DocSearch.asp>