



IMPACTS OF OIL SPILLS

What is an oil spill?



How are they caused?

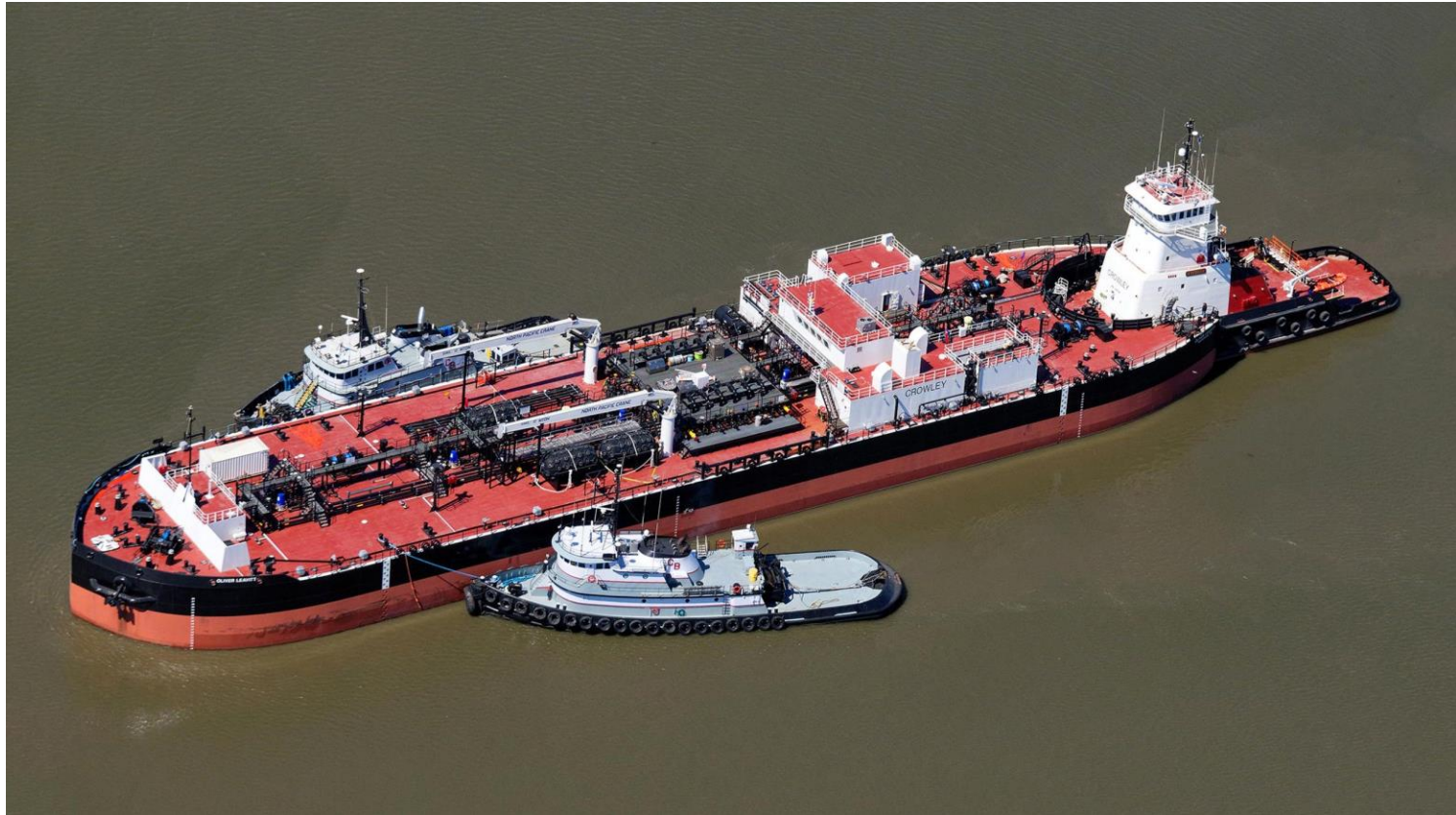


Offshore oil rig

Oil Tanker



Oil Barge



Oil Pipeline



Oil Refinery



Oil Storage Facility

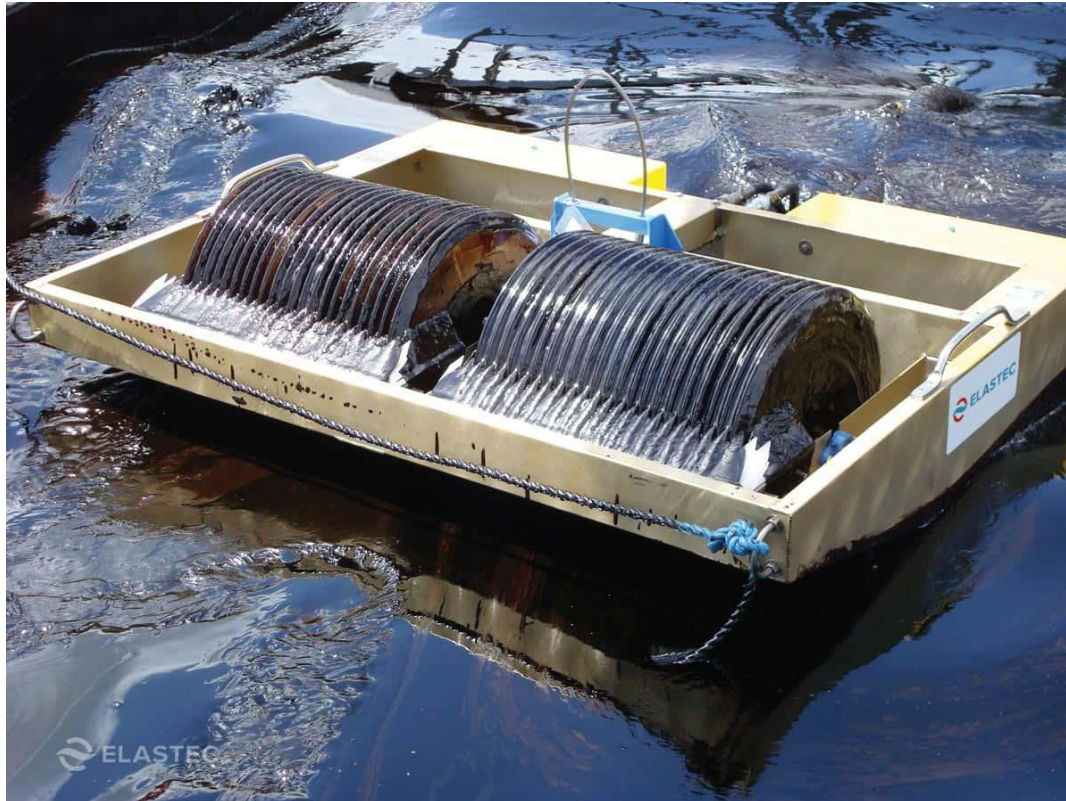


Types of Oil Removal Equipment and Techniques



Boom

Skimmer



Sorbents



Chemical Dispersants



In Situ Burning



Vacuum Truck



Case Study: Husky Energy Oil Spill in Saskatchewan



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On July 22nd, 2016, a *Husky Energy* pipeline suffered a leak and spilled approximately 225,000 litres of oil into the North Saskatchewan River which greatly impacted the cities of North Battleford, Prince Albert, and Melfort. The spill has caused major disruptions, stress, and cost for residents of this cities. Water intake was shut off for two months, businesses such as laundromats and car washes were forced to close.

Case Study: Husky Energy Oil Spill in Saskatchewan (Continued)

Additionally, the communities of James Smith Cree Nation, Little Pine First Nation, and Cumberland House Cree Nation were severely impacted by the crisis.

Chief Wayne Semaganis of Little Pine First Nation stated that the spill directly affected the wildlife and fish surrounding his community. Also, all three First Nations lost traditional use of their land and have been unable to fish in the river as well as farm or trap on or near reserve lands. This has caused the Indigenous communities to feel fearful, anxious, and stressed.

Time to experiment with different materials!

