

Triton® Application Case Study

Use of Triton Vacuum Systems in Remote Oil Spill Response Effort

In April 2012, a pipeline ruptured in rural Louisiana. The pipeline discharged 88,000 bbls before the flow was contained, but the spill went into a bayou. Triton Vacuum Systems went to work and in 3 days recovered almost all of the free oil from the bayou. Berms had been placed to prevent further flow of oil down the bayou, but if not for the quick and effective response from Triton Vacuums, the subsequent heavy rainfall would have made the response effort much more difficult, as the bayou flowed to the Intracoastal Canal and then to the Mississippi River.



In the response effort, powerful Triton vacuums sucked the heavy oil directly off the top surface of the bayou, minimizing the amount of water picked up. The strategy used Triton vacuums to load conventional 130 bbl vacuum trucks, and then used the vacuum truck's pressure capabilities to blow off the recovered oil to a nearby frac tank, thus allowing the Triton units to continue to operate uninterrupted.

Recovery effectiveness of the Triton vacuums was gauged in the frac tanks at 70-80%, previously unheard-of efficiencies.



Triton Vacuum Systems prove to be a low cost, highly portable, easy-to-operate agent in an oil spill response effort. They are available in skid or trailer format, and driven by an electric motor or a diesel engine. Contact Triton at 225-637-3700 for more information.