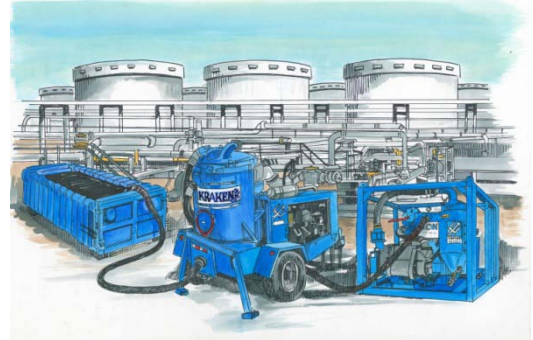


Triton® Application Case Study

Use of Triton Vacuum Systems to Prime a River Siphon

Triton Vacuum Systems are used to prime large flow pipes from the Mississippi River and create a siphon that allows for freshwater diversion, flood control, and coastal restoration.

A Triton 500 unit is used at the Violet Canal in St. Bernard Parish, Louisiana, to assist with creating the siphon from the Mississippi River to the wetlands around Lake Borgne.



Triton Vacuums can rapidly evacuate air out of a vessel or pipeline and create the reduced atmospheric pressure that allows the siphon to form and gravity to take over the flow...in this case, to the opposite side of the levee.

In this application, the T500 diesel-powered trailer unit provided the most mobile, easy to maintain, and easy to use solution.

Triton Vacuum Systems are low cost, highly portable, and easy-to-operate. 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.