

*Triton® Application Case Study***Use of the “Kraken”® for Hydroexcavation Debris Removal**

In hydroexcavation, a water jet is used to dig safely around electrical utilities, piping, etc. While the water cuts, the excess water, mud, rocks, sand, and debris is simultaneously vacuumed. Once vacuumed into a container such as the tank on a vacuum truck, the operator will typically bleed off the water. Then, once the free water is drained and the tank is full of solids, he will disconnect from the excavation system, drive to another location, and dump his contents. A lot of downtime is incurred before the truck is back and reconnected, and a muddy, sloppy mess is created at the worksite.



The Kraken offers a better solution. If the client location agrees to a temporary berm or has another means of holding the excavation debris, the vacuum unit can pull the debris directly into the hopper of the Kraken. The Kraken can then steadily pump off. There is no need to disconnect, and no mud except in the cutting hole and in the berm...the site where people are working stays clean. And since the excavator no longer has to shut down while the tank is dumped, rates go up dramatically. In one case, a user expected to move 2-3 cubic yards per day, and ended up moving more than 24 cubic yards with the Kraken...an order of magnitude improvement in rate, while maintaining a cleaner, safer worksite.

Contact Triton at 225-637-3700 for more information.

