



ADD A CONDITIONING PUMP TO THE MIX.

The Vaughan Conditioning Pump is a Vaughan Submersible Chopper Pump mounted on a portable stand and fitted with a high-velocity mixing nozzle. The Conditioning Pump recirculates the contents of the wet well, chopping and mixing to produce a homogeneous mixture that is more easily pumped out. Floating mats are removed and solids that have accumulated on the floor are re-suspended. As the pump is mounted on a portable stand it can easily be used in multiple applications at a single job-site, facility or municipality. Another high quality offering from the brand you trust.

APPLICATIONS

- Lift Station Conditioning
- Influent Station/Channel Conditioning
- Basin Conditioning
- Holding Tank Conditioning
- Digester Cleanout/Homogenization



BEFORE



AFTER



SAVING MONEY WITH THE VAUGHAN CONDITIONING PUMP

When Vaughan created the Conditioning Pump, they designed it to be used in several different scenarios to save you from costly clean out cycles and maintenance. In one recent project, the Vaughan Chopper Pump paid for itself in 2.5 months.



Reduce the Vacuum Truck Visits

By re-suspending and removing floating solids that have accumulated on the floor, the Vaughan Conditioning Pump reduces - and in most cases eliminates - the need for costly vacuum trucks, saving thousands of dollars each year.

Existing Non-Clogging Pumps Experience Clogging

If the large pumps you are currently using in the station (wet well or dry well) are clogging on solid filled liquid they are trying to pump, it can be a costly endeavor to replace the pumps. Some pumps can cost you upward of \$350,000 to replace. Vaughan created the Conditioning Pump to solve this problem at a fraction of the cost. You can put the conditioning pump into the wet well and chew up all of the rags and solids so that the existing pump won't get clogged.

Floating Layer Of Grease And Debris Accumulated

Lift stations/collection pits tend to form floating mats that standard lift station pumps cannot pump out. If left unattended, the layer will continue to thicken until you eventually need to call in a vacuum truck to suck off the thick layer. This results in thousands of dollars in maintenance and dumping fees. The Vaughan Conditioning Pump can get rid of unnecessary third party cleaning cycles and the unwanted costs that come along with them, by recirculating/conditioning the pit until the mat disappears.

Settling Solids On The Floor Of The Wet Well Or Sump

When solids fall out of suspension, they create a "settling layer" at the bottom of the tank, resulting in costly third party cleanout cycles. The Vaughan Conditioning Pump re-suspends these solids so the duty pumps can actually pump out and remove the solids, and also save you from those costly clean out cycles.

US Patent #9,360,014 - "Chopper Pump with Multiple Mixing Nozzles for a Sewage Wet Well"
US Patent #10,280,926 - "Chopper Pump with Single Mixing Nozzle for a Sewage Wet Well"

