TECH TIP - Vibratory Pump Maintenance
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My circulating pump on my vibratory machine isn't working... What can I do to fix it?

This is one of the questions we receive at the shop frequently. Most of the time we can get the pump functioning again by just cleaning out the pump. The pump has a nasty job, even with a filter the water is still full of contaminates. Often a pump that fails to pump water can be traced back to a lack of maintenance. If you want to extend your pump life make sure your filters are regularly cleaned and the water is flushed on a regular basis.

But what can you do now that your pump is not functioning. Follow these simple instructions to check for sediment obscuring your impellor.

WARNING: UNPLUG THE UNIT BEFORE ATTEMPTING TO SERVICE OR REMOVE ANY COMPONENT! CAUTION: This unit is permanently epoxy sealed. Periodic cleaning of the pump parts will prolong the life and efficiency of the pump.

Refer to drawing for the assembly and disassembly of the pumping head.

IF THE PUMP FAILS TO OPERATE, CHECK THE FOLLOWING:

- Check the circuit breaker and try another outlet to ensure the pump is getting electrical power.
    NOTE: Always disconnect from electrical outlet before handling the pump.
- Check the pump discharge and tubing for kinks and obstructions. Build up can be flushed out with a hose.
- Check the inlet screen to ensure it is not clogged with debris.
- Remove the pump inlet to access the impeller area. Turn the impeller to ensure it is not broken or jammed.
- If the impeller area is encrusted with minerals or corrosion, gently scrape the area clean, being careful not to damage the shaft seal, and apply a drop of light oil to the shaft.
- If your pump has been idle for an extended period, it may be necessary to apply a drop of light oil to the shaft and spin the impeller by hand until it turns freely.
- Monthly maintenance will add to your pump's life.