

### BFP Startup Procedure

1. Before starting BFP (Belt Filter Press), ensure that **BOTH** guide paddles are pulled back, so they do not get caught up in the filter belt.
2. Check for polymer availability and that Polymer delivery system is in good order.
3. Turn on Main panel with power switch at the top right of the large metal panel.
4. **Alarm will sound !!** Push reset button, alarm will stop, push lamp test to check all lamps on panel.
5. Put Control panel into automatic mode.
6. Place Dewatering switch in Automatic mode.
7. Check sludge pump control is set to - **Pump 1**, (check that conveyor manual switches are in remote, outside by elevated conveyor).
8. Push auto start. Pre-Wash light will come on for 90 seconds.
9. Machine will start pumping hydraulic fluid to tension pistons, water will start to flow and after 1 minute, the belt drive will start turning the belt.
10. **PUT BOTH GUIDE PADDLES BACK INTO NORMAL RUN POSITION OR THE BELT WILL "WALK OFF" THE ROLLERS.**
11. After 1.5 minutes from pushing auto start button, the panel will light up (Ready). Polymer delivery system will turn on and so will the Sludge pump. (Due to computer or mechanical issues, you may have to turn on the sludge pump by hand, control is located inside the electrical room located in the back corner in the shop).
12. You can change the way the press runs by using the Belt drive, Sludge pump speed, and Poly Pump speed meters on the front of the panel. Wait 10 minutes after starting the machine to adjust your run so you can see how the machine is running.
13. Divert dried sludge solids to the roll off can by way of the pneumatic doors on the underside of the conveyor screw outside.
14. At the end of the run , push the auto stop button and the press will go into automatic cleaning mode and will continue to run water thru the belts to clean them (you must shut off the Sludge pump also if you turned them on by hand).
15. Wash down the machine after all the solids have cycled thru; machine will run through its cleanup mode for 45 minutes after stopping your run.