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| CITY OF MOLALLA WATERC:\Users\nlennartz\Desktop\Logos for City\2 inch Emblem Spot.jpgTREATMENT PLANT | FILTER #1 START UPPROCEDURE  | DATE ISSUEDJUNE-2018 |
| SOP #18 |

***STANDARD OPERATION PROCEDURE***

**Overview**

For complete start up procedure please refer to the complete Microfloc Trident O&M Manual supplied by US Filter. The following will include basic start up procedure if the filter has been taken out of service for a short period of time, such as maintenance, cleaning, etc. Please follow AWWA recommended guidelines for disinfection for significant repairs or maintenance.

**To Run Filter #1**

1. Make sure waste trough is closed and the clarifier and filter are at the proper water levels.
2. Verify turbidimeter is operational and flow rate is set.
3. Make sure sample line for the “Streaming Current Monitor” is on and power is turned on to the unit.
4. Turn all Motor Controls to Filter #1 in “Auto Position”.
5. Turn the “Unit #1 Operation” switch to “ON”
6. In order for the Filter to run the Reservoirs will need to be below the “Start” level on SCADA or you can simply push the “Plant Start” button in the Motor Control Room or from SCADA.

**SCADA**

All Filter #1 Alarms on SCADA will need to be Acknowledged before the Filter will operate.

**Operational Checks**

Once Filter #1 is operating and has finished “Filtering to Waste” do a walkthrough and make sure all chemical feed pumps including the chlorine pumps are operating. Follow up with daily routine chlorine residual, pH, temp, and turbidity monitoring.