

Critical Spare Inventory Hardinsburg Water Treatment Plant

<u>Process</u>	<u>Comments 3/14/22</u>
<u>Wells</u>	
3 Well Pumps and Motors	1 Well pump and motor is always in backup position
1 Spare	
<u>Pre-Treatment</u>	1 Pump runs at a time the 2nd is a backup
2 Acid Pumps	
0 Spare	
<u>RO Cartridge Filtering</u>	Housing should never need to be replaced we always have enough filters on site to change out twice
2 RO Filter Housing	
<u>RO Pump</u>	Looking at getting a spare RO Pump and Motor
2 RO Pumps	
0 Spare	
2 RO Motors	
0 Spare	
<u>RO Skids</u>	Will only need another skid when we reach a point that we need to expand plant
2 RO Skids	
0 Spare	
<u>Blend Cartridge Filtering</u>	Housing should never need to be replaced we always have enough filters on site to change out twice
2 Blend Filter Housing	
<u>Degasifier to Underground Clearwell</u>	
1 Degasifier	
<u>Transfer Pumps to above Ground Clearwell</u>	
3 Transfer Pumps	
1 Spare	
<u>Chemical Injection Pit</u>	Static mixer is brand new and with changes made it should never need to be replaced.

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1 Static Mixer 0 Spare	
<u>Post-Treatment</u>	
2 Fluoride Pumps 0 Spare	Only run 1 pump at a time
3 Caustic pumps 0 Spare	Only run 1 pump at a time
3 Bleach Pumps 0 Spare	Only run 2 pumps at a time
<u>High Service Pumps</u>	
3 HSP 0 Spare	Only run 1 pump at a time, always have 2 as a backup, we have the ability to add a 4th at any time.

Critical Spare Inventory Hardinsburg Booster Stations

<u>Booster Stations</u>	<u>Comments 3/14/22</u>
<u>Flood Rd</u> 2 Pumps 0 Spares	Demand is starting to call for 2 pumps during high usage times of the day
<u>High School</u> 2 Pumps 1 Spares	Demand is starting to call for 2 pumps on some occasions
<u>Harned</u> 2 Pumps 0 Spares	Demand only calls for one pump at a time
<u>KY 86</u> 2 Pumps 0 Spares	Demand only calls for one pump at a time
<u>Balltown</u> 2 Pumps 0 Spares	Demand only calls for one pump at a time
<u>Henning</u> 2 Pumps 1 Spare	Demand only calls for one pump at a time
<u>Union Star</u> 2 Pumps 0 Spares	Demand only calls for one pump at a time

**Critical Spare Inventory
Hardinsburg Booster Stations**

Booster Stations

Comments 3/14/22
