

City of Murray Lockout Tagout Procedures

			P	lant:	Water Treatment	Plant		
		Updated:						
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afety Glasses	Steel Toe Shoes				•			
OPERATING	PROCEDURES:				,			
Always Lock, Tag, and Try to control hazardous energy sources prior to performing maintenance or service on this machine, when removing or bypassing a guard, and/or under any circumstance where the unexpected start-up or energization of the equipment could cause bodily harm.				 Use caution tightening or loosening pump spindle due to spindle must be running. *(Spindle components may be HOT) Step ladder may be needed to reach disconnect switch above pump. 				
this procedure before a y may cause injury. (I	any servicing or maintenance .e. repairs, set-up, clearing pa	arts, etc.)	formed where th	ne expecte	d energization, start	tup, or rele	ase of stored	
4 Locks	Tag	Hasp	3 Valve C	overs				
 Notify all affected personnel that you intend to lockout the equipment. Clear the area and equipment of tools, parts and other materials. Identify High Service Pump 2 disconnect switch in the High Service Pump Room located directly above Pump 2 motor on the west side. Denergize knife switch by turning to OFF position. Apply hasp, lock, and tag on knife switch. *NOTE* Tag shall include date taken out of service, person/persons that took out of service, and work being done. 				 Turn 2A, 2B, and 2C valves clockwise until shut. Apply valve covers to 2A, 2B, and 2C valves and then apply locks to each. Dissipate or release any stored energy by trying to push START button on the High Service Pump 2 main breaker box located along the west wall. Push STOP button. 				
erav Sources:								
	460V							
_		e						
& Location:	Pump 2 on west side							
 Verify all controls are "off" or in neutral position. Clear machine or equipment of tools, parts, or people. Make sure all guarding is in place. Notify affected personnel that the machine or equipment will be reenergized. Remove locks, devices, and tags from energy isolation devices. 			Prepared by: Approvals:			Date:		
	A Locks re Servicing or Notify all affected phe equipment. Clear the area and materials. dentify High Service Pump motor on the west spending Service Pump motor on th	A Locks Tag re Servicing or Maintenance: yay cause injury. (I.e. repairs, set-up, clearing paterials. dentify all affected personnel that you intend he equipment. Clear the area and equipment of tools, parts naterials. dentify High Service Pump 2 disconnect swinder and equipment. Clear the area and equipment of tools, parts naterials. dentify High Service Pump 2 disconnect swinder and equipment. Denergize knife switch by turning to OFF postoppy hasp, lock, and tag on knife switch. NOTE* Tag shall include date taken out of operson/persons that took out of service, and tone. Breaker box located above pump 2 on west side.	High Service Pump Room Sonal Protective Equipment: Always Lock, Tag, and Try to control hazardous energy sources prior to performing maintenance or service on this machine, when removing or bypassing a guard, and/or under any circumstance where the unexpected start-up or energization of the equipment could cause bodily harm. KOUT PROCEDURE: It is procedure before any servicing or maintenance activities are per ty may cause injury. (I.e. repairs, set-up, clearing parts, etc.) Out/Tag Out Equipment Needed: Out/Tag Out Equipment Needed: Clear the area and equipment of tools, parts and other naterials. Identify High Service Pump 2 disconnect switch in the digh Service Pump Room located directly above Pump 2 notor on the west side. Denergize knife switch by turning to OFF position. Imply hasp, lock, and tag on knife switch. InNOTE* Tag shall include date taken out of service, person/persons that took out of service, and work being lone. Breaker box located above Pump 2 on west side Pump 2 on west side. Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side Pergy Sources: Breaker box located above Pump 2 on west side	### High Service Pump Room ### Roonal Protective Equipment: ### Aprovation Protective Equipment: ### Aprovation Protective Equipment: ### Aprovation Protective Equipment: ### Aprovation Protection (as needed) ### Approvation Protection (as needed) ### Aprovation Protection (as needed) ### Aprovation Protection (as needed) ### Approvation Protection (as needed) ### App	### High Service Pump Room Updated: ### Sonal Protective Equipment: ### Always Lock, Tag, and Try to control hazardous energy sources prior to performing maintenance or service on this machine, when removing or bypassing a guard, and/or under any circumstance where the unexpected start-up or energization of the equipment could cause bodily harm. ###################################	High Service Pump Room Sonal Protective Equipment: Always Lock, Tag, and Try to control hazardous energy sources prior to performing maintenance or service on this machine, when removing or bypassing a guard, and/or under any circumstance where the unexpected start-up or energization of the equipment could cause bodily harm. **COUT PROCEDURE:** This procedure before any servicing or maintenance activities are performed where the expected energization, start y may cause injury. 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6. Re-energize or power-up machine by returning energy isolating

devices to normal operating position.