



City of Murray

Lockout Tagout Procedures

Machine: Clarifier 5 Plant: Wastewater Treatment Plant
 Area: North West Updated: 7/9/10

Personal Protective Equipment:

				
Safety Glasses	Steel Toe Shoes	Leather Gloves (as needed)		

SAFE OPERATING PROCEDURES:

<ol style="list-style-type: none"> 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. 	<p>**Clarifier 5 is wired into main breaker in Filter Press Building. It is my suggestion that there be installed an isolated disconnect in order to release any stored energy this may have.**</p>
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LOCKOUT PROCEDURE:

(Use this procedure before any servicing or maintenance activities are performed where the expected energization, start up, or release of stored energy may cause injury. (i.e. repairs, set-up, clearing parts, etc.)

Lock Out/Tag Out Equipment Needed:

					
Lock	Tag	Hasp			

Before Servicing or Maintenance:

<ol style="list-style-type: none"> Notify all affected personnel that you intend to lockout the equipment. Clear the area and equipment of tools, parts and other materials. Identify Clarifier 5 knife switch located above the motor on control panel in the middle of walkway. Denergize knife switch by pulling to OFF position. 	<ol style="list-style-type: none"> 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. Dissipate or release any stored energy by trying to turn knife switch ON at box located above the motor at the end of walkway of Clarifier 5. Return knife switch to OFF position.
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Energy Sources:				
Magnitude:	460V			
Energy Isolation Device & Location:	Control Panel above motor			

After Servicing or Maintenance:

<ol style="list-style-type: none"> 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 re-energized. Remove locks, devices, and tags from energy isolation devices. Re-energize or power-up machine by returning energy isolating devices to normal operating position.
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Prepared by: _____ Date: 7/9/10
 Approvals: _____

