



# 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"> <li>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.</li> </ol>	<p><b>**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.**</b></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"> <li>Notify all affected personnel that you intend to lockout the equipment.</li> <li>Clear the area and equipment of tools, parts and other materials.</li> <li>Identify Clarifier 5 knife switch located above the motor on control panel in the middle of walkway.</li> <li>Denergize knife switch by pulling to OFF position.</li> </ol>	<ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>Return knife switch to OFF position.</li> </ol>
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<b>Energy Sources:</b>				
Magnitude:	460V			
Energy Isolation Device & Location:	Control Panel above motor			

### After Servicing or Maintenance:

<ol style="list-style-type: none"> <li>Verify all controls are "off" or in neutral position.</li> <li>Clear machine or equipment of tools, parts, or people.</li> <li>Make sure all guarding is in place.</li> <li>Notify affected personnel that the machine or equipment will be re-energized.</li> <li>Remove locks, devices, and tags from energy isolation devices.</li> <li>Re-energize or power-up machine by returning energy isolating devices to normal operating position.</li> </ol>
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Prepared by: \_\_\_\_\_ Date: 7/9/10

Approvals: \_\_\_\_\_  
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