



# City of Murray

## Lockout Tagout Procedures

Machine: Interchange Mixer 1 Plant: Wastewater Treatment Plant  
 Area: North East Updated: 7/9/10

### Personal Protective Equipment:

				
Safety Glasses	Steel Toe Shoes	Leather Gloves (as needed)	Nitrile 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>	<ol style="list-style-type: none"> <li>If works need to be done to prop, winch boom must be cranked forward till prop is visible.</li> <li>This machine can be turned off by the cannibal system computer, but shall be locked out at breaker.</li> </ol>
---	---

### 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:

					
<b>Lock</b>	<b>Tag</b>	<b>Hasp</b>			

### Before Servicing or Maintenance:

<ol style="list-style-type: none"> <li>Notify affected personnel that you intend to lockout or tagout the equipment.</li> <li>Clear the area and equipment of tools, parts and other materials.</li> <li>Identify Interchange Mixer 1 knife switch on the southeast side of the Filter Press Building in the lower center of the control panel.</li> <li>De-energize handle switch by turning to OFF position.</li> </ol>	<ol style="list-style-type: none"> <li>Apply lock and tag on handle switch. *NOTE* Tag shall include date taken out of service, person/persons that took out of service, and work being done.</li> <li>Dissipate energy by turning Mixer 1 switch located beside winch boom ON.</li> <li>Return Switch to OFF position.</li> </ol>
---	--

<b>Energy Sources:</b>				
<b>Magnitude:</b>	<b>460V</b>			
<b>Energy Isolation Device &amp; Location:</b>	Control Panel in Filter Press Building			

### 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>
--

Prepared by: \_\_\_\_\_ Date: 7/9/10

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