



# City of Murray

## Lockout Tagout Procedures

Machine: Sludge Pump 3 Plant: Wastewater Treatment Plant  
 Area: Downstairs of Sludge Handling Building Updated: 7/9/10

### Personal Protective Equipment:

			
Safety Glasses	Steel Toe Shoes	Leather Gloves (as needed)	Hearing Protection (as needed)

### SAFE OPERATING PROCEDURES:

1. 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.	2. There is possible bloodborne pathogen contact associated with working around Sludge Pump. 3. Hearing protection is required if blowers, located on the first floor, are on. 4. This machine has two lock out points, that both need to be de-energized.
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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:

1. Notify affected personnel that you intend to lockout the equipment. 2. Clear the area and equipment of tools, parts and other materials. 3. Identify Sludge Pump 3 knife switch on the north side of the Sludge Handling Building in the right center of the control panel. 4. Dennergize knife switch by pulling to OFF position.	5. 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. 6. Dissipate or release any stored energy by trying to turn knife switch, labeled Sludge Pump 3, ON at variable control box located at the bottom of stairs on left. 7. Return knife switch to OFF position. 8. Also dissipate or release any stored energy by trying to turn knife switch ON located above the motor. 9. Return knife switch to OFF position.
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<b>Energy Sources:</b>				
Magnitude:	460V			
Energy Isolation Device & Location:	Control Panel in Sludge Handling Building			

### After Servicing or Maintenance:

1. Verify all controls are "off" or in neutral position. 2. Clear machine or equipment of tools, parts, or people. 3. Make sure all guarding is in place. 4. Notify affected personnel that the machine or equipment will be re-energized. 5. Remove locks, devices, and tags from energy isolation devices. 6. 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: \_\_\_\_\_  
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