

# TriRinse<sup>SM</sup>

## How the TriRinse Works

The TriRinse System provides barrels with a bath and 2 fresh water sprays using only a single tank. The fully programmable PLC controls both the volume and times of rinses. It also coordinates water distribution between the rinse tank, holding tank and waste water treatment. The steps shown here use figures in gallons for illustrative purposes only.

### For more information:

email: [Sales@HardwoodLine.com](mailto:Sales@HardwoodLine.com)

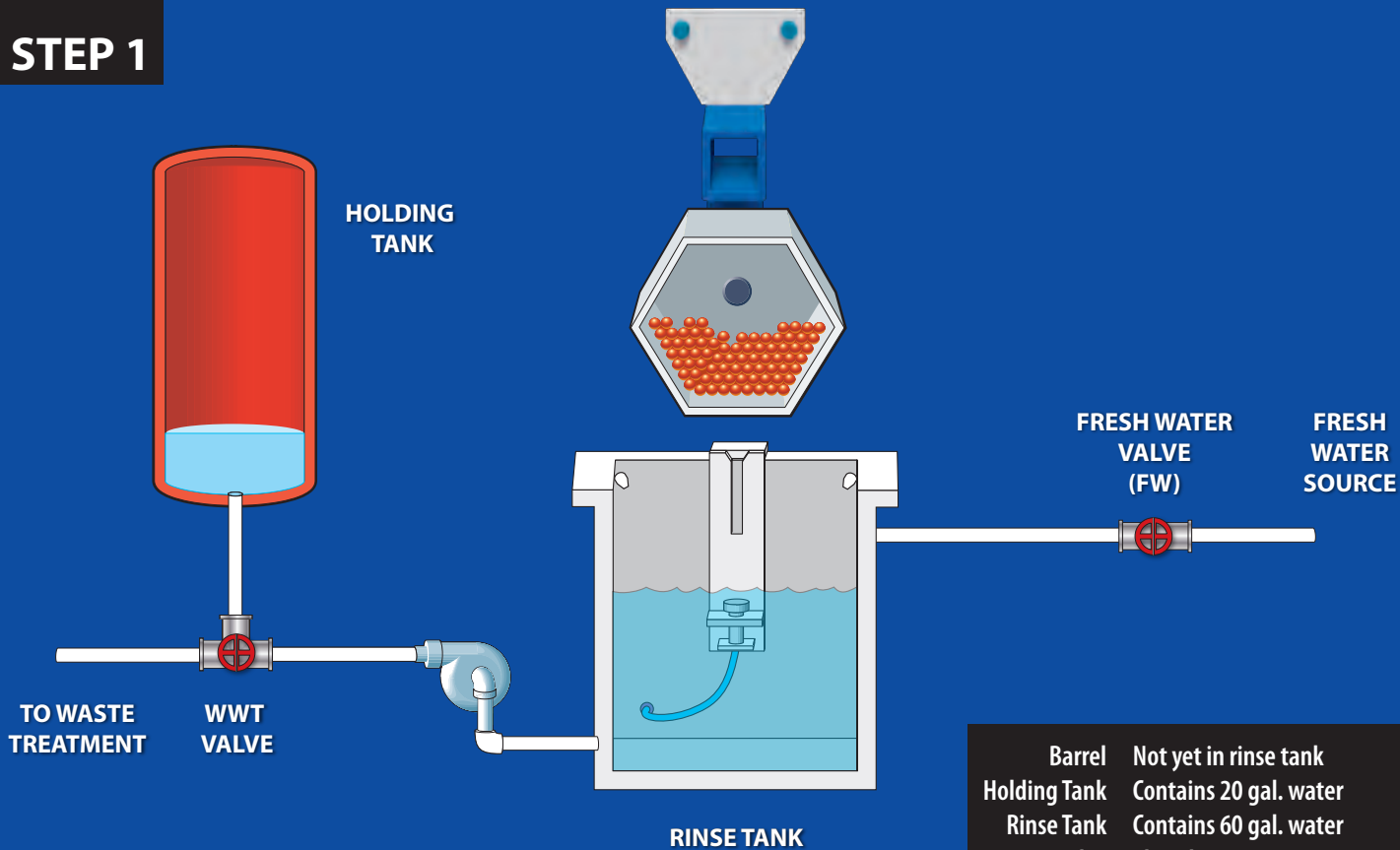
Phone: 800-443-0093

Fax: 773463-9222

Website: [www.HardwoodLine.com](http://www.HardwoodLine.com)



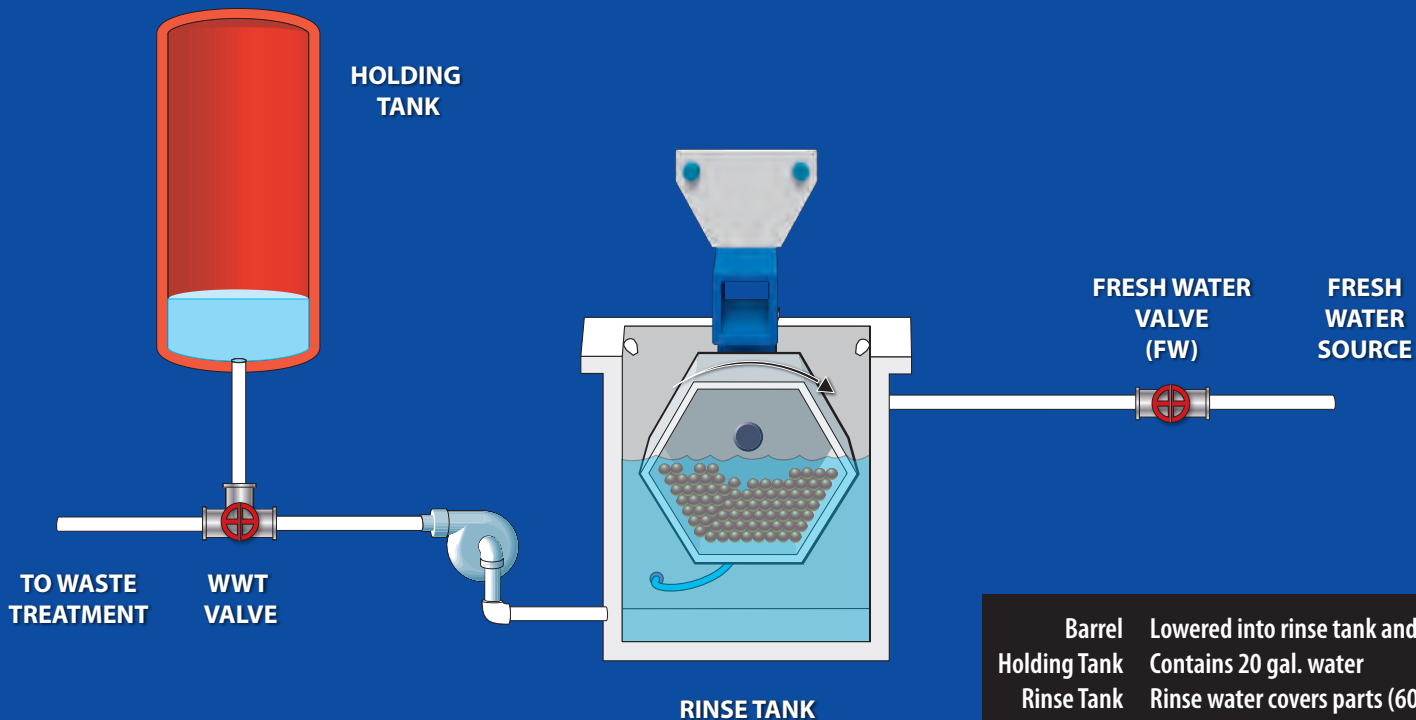
# STEP 1



Barrel	Not yet in rinse tank
Holding Tank	Contains 20 gal. water
Rinse Tank	Contains 60 gal. water
WWT Valve	Closed
FW Valve	Closed

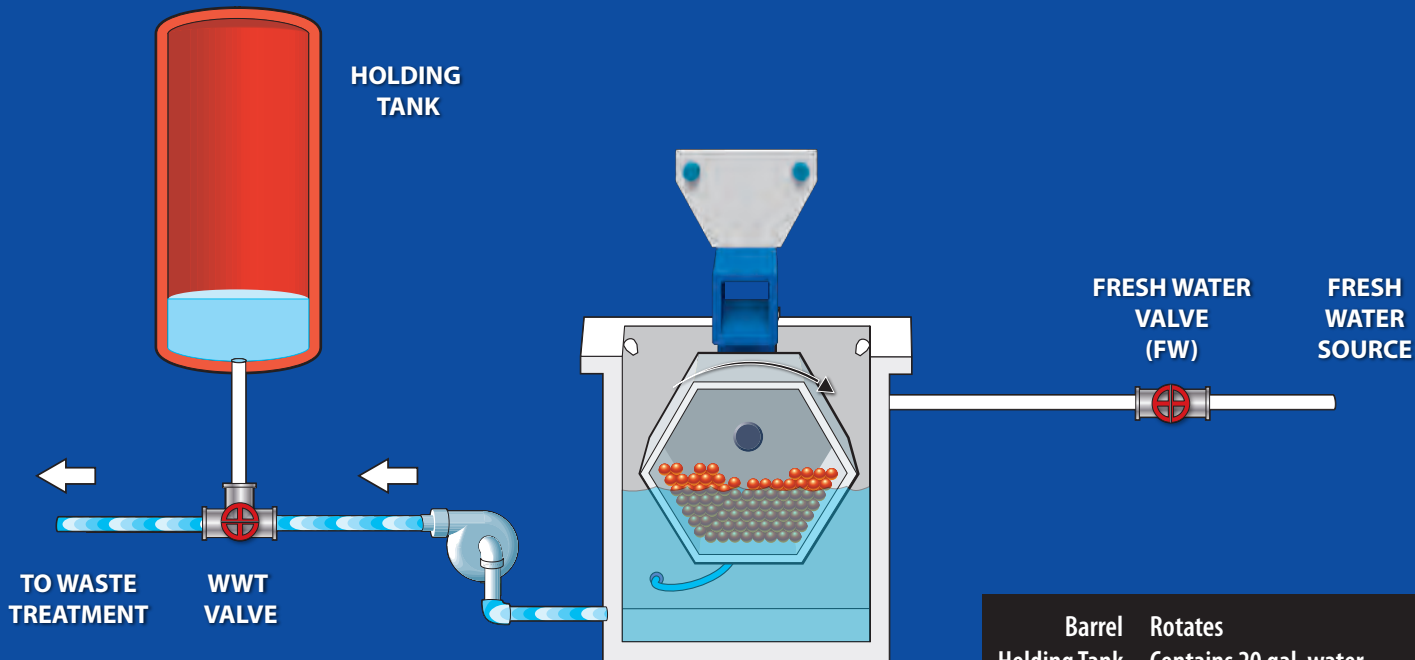
## STEP 2

## 1ST RINSE: IMMERSION



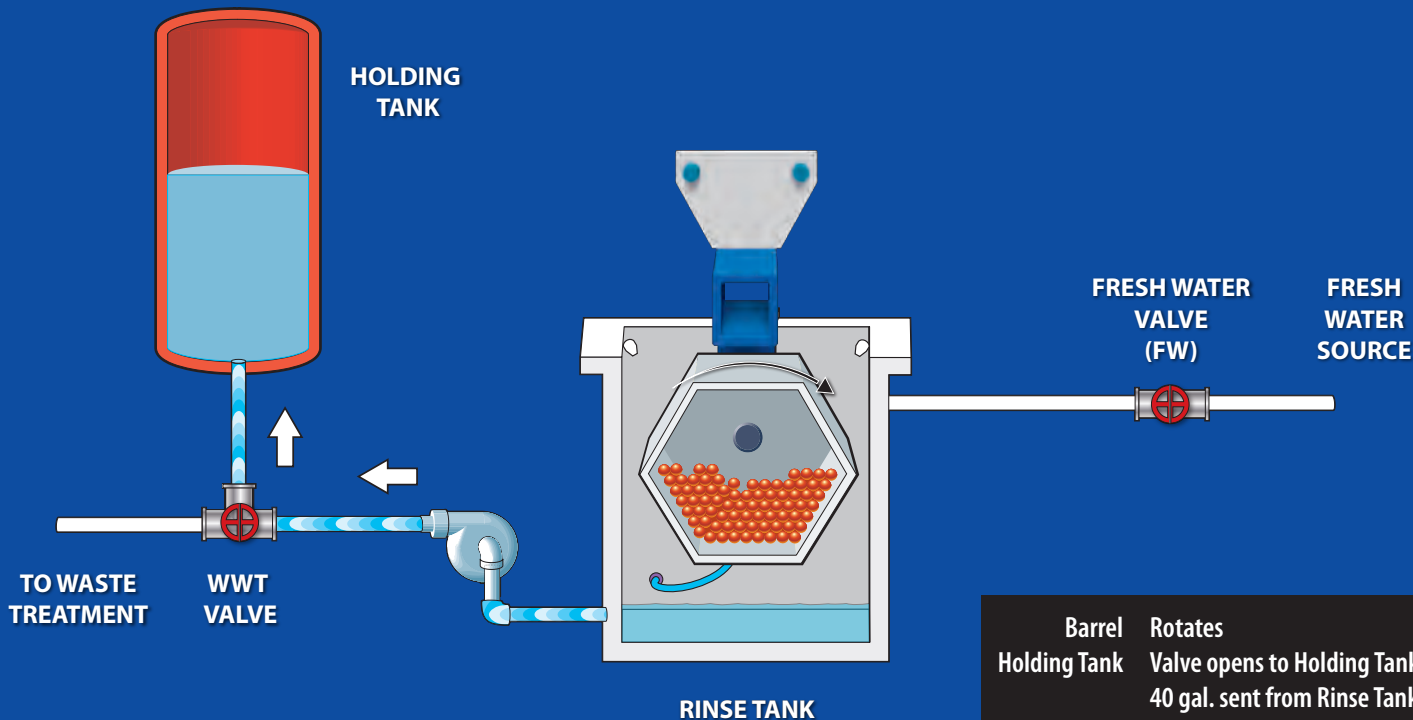
Barrel	Lowered into rinse tank and rotated
Holding Tank	Contains 20 gal. water
Rinse Tank	Rinse water covers parts (60 gal.)
WWT Valve	Closed
FW Valve	Closed

# STEP 3



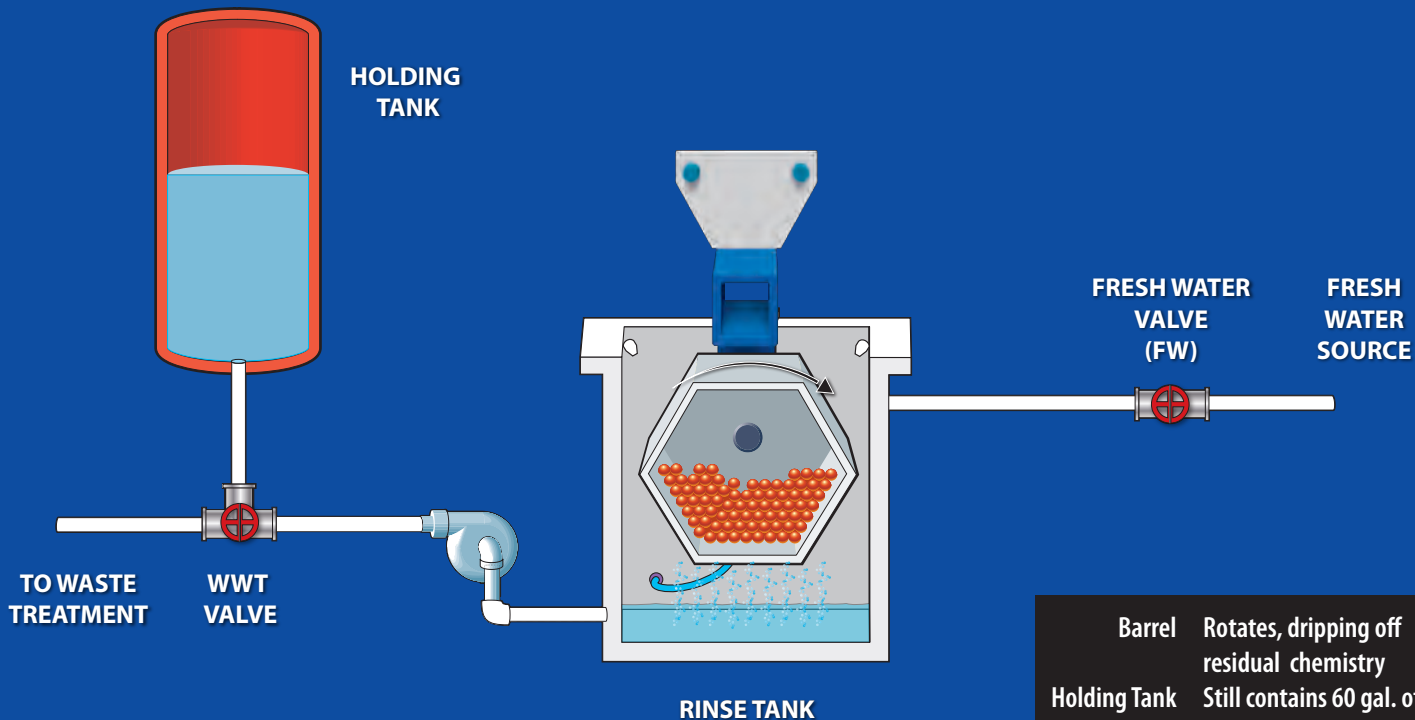
Barrel	Rotates
Holding Tank	Contains 20 gal. water
Rinse Tank	10 gallons of water removed (50 gal. left)
WWT Valve	Valve open as 10 gal. sent to WWT
FW Valve	Closed

# STEP 4



Barrel	Rotates
Holding Tank	Valve opens to Holding Tank. 40 gal. sent from Rinse Tank. Holding Tank now contains 60 gal.
Rinse Tank	Water level (10 gal.) is below barrel
WWT Valve	Closed
FW Valve	Closed

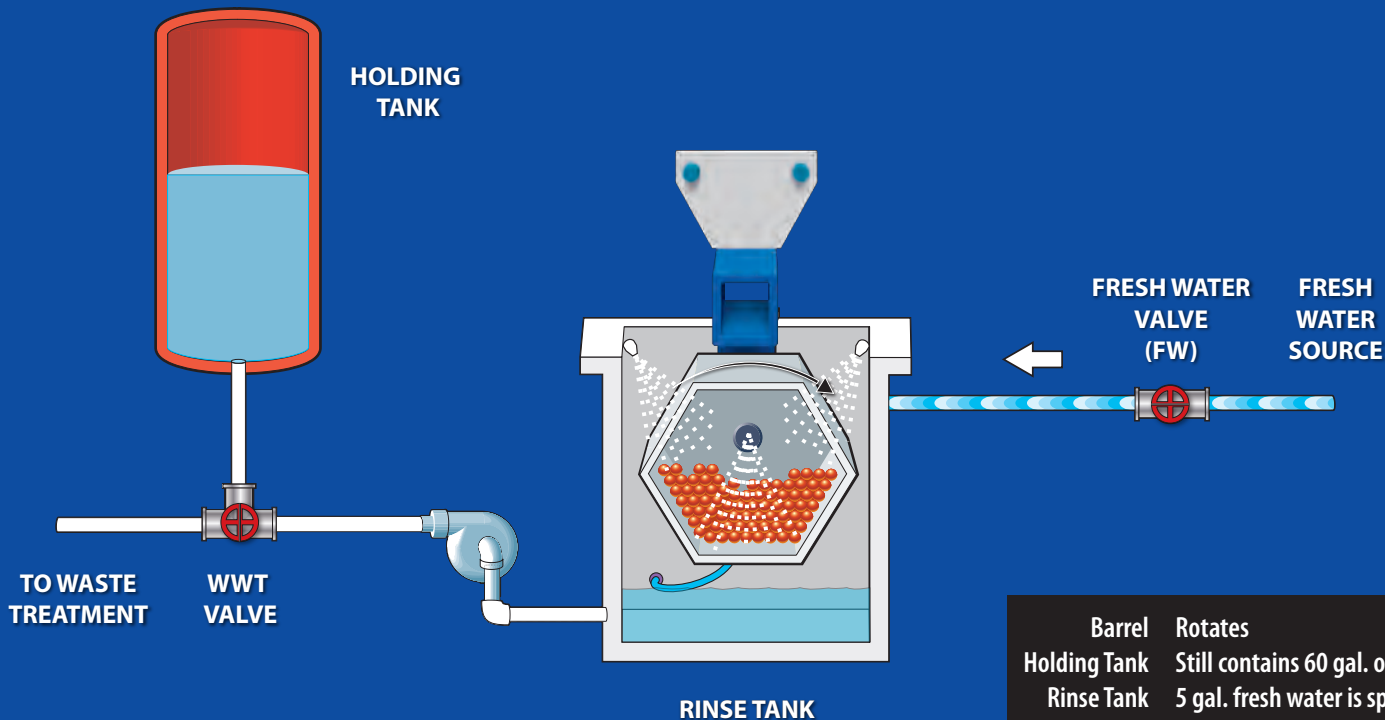
# STEP 5



Barrel	Rotates, dripping off residual chemistry
Holding Tank	Still contains 60 gal. of water
Rinse Tank	Water level remains below barrel
WWT Valve	Closed
FW Valve	Closed

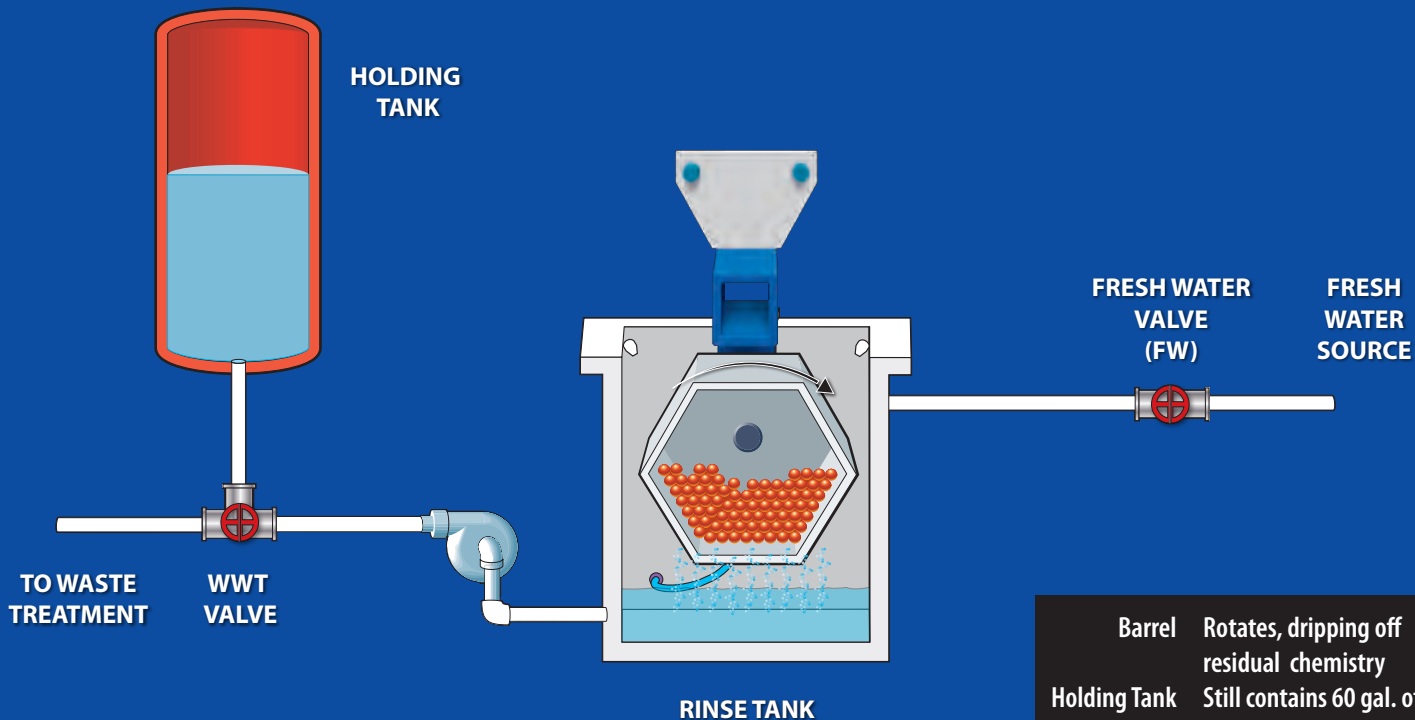
# STEP 6

## 2ND RINSE: SPRAY



Barrel	Rotates
Holding Tank	Still contains 60 gal. of water
Rinse Tank	5 gal. fresh water is sprayed in/on barrel (Tank now has 15 gal.)
WWT Valve	Closed
FW Valve	Open

# STEP 7

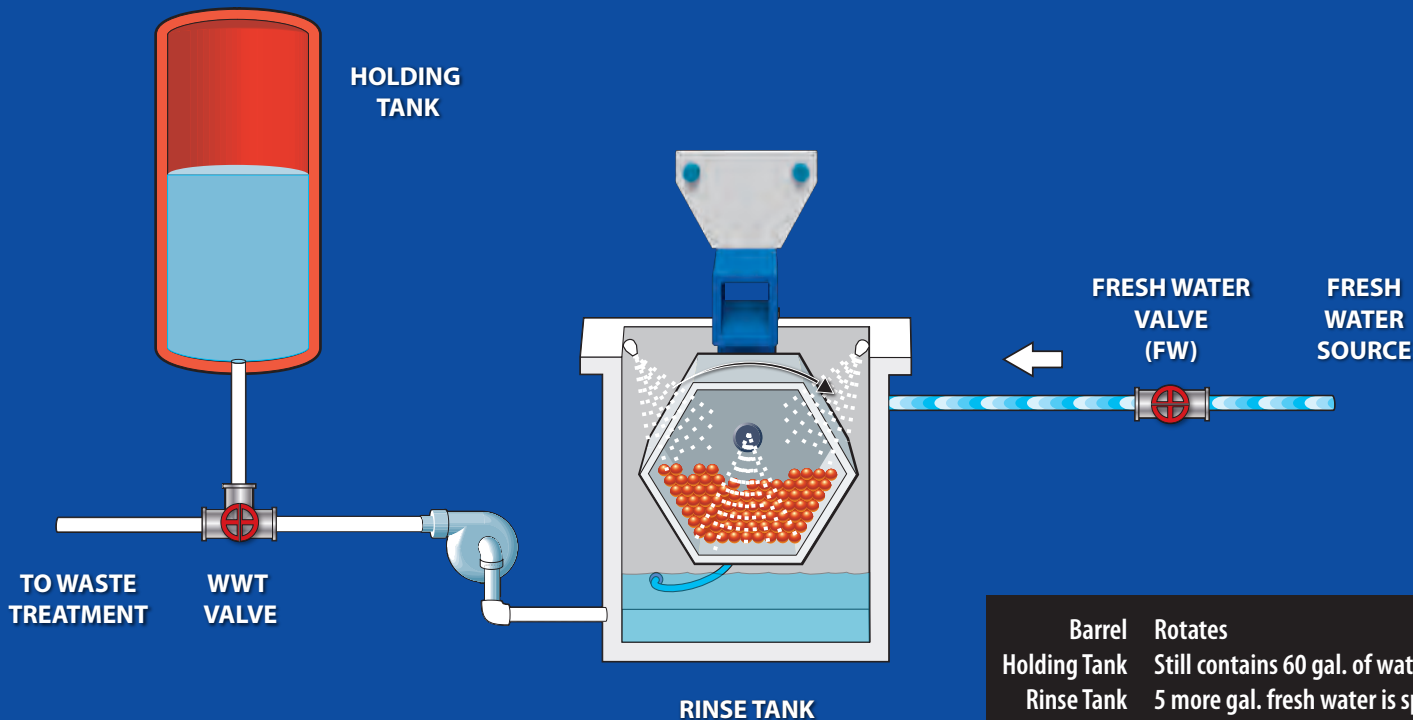


Barrel	Rotates, dripping off residual chemistry
Holding Tank	Still contains 60 gal. of water
Rinse Tank	Liquid level remains below barrel
WWT Valve	Closed
FW Valve	Closed



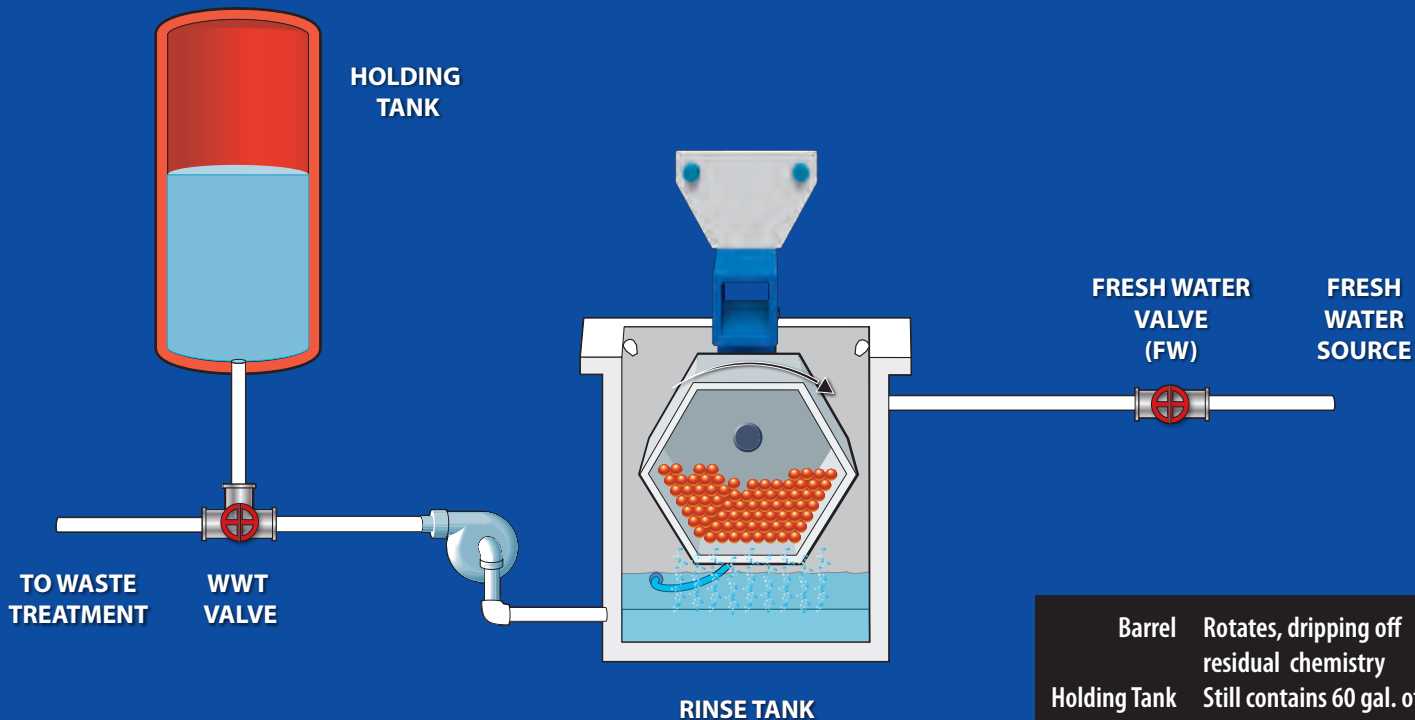
# STEP 8

## 3RD RINSE: SPRAY



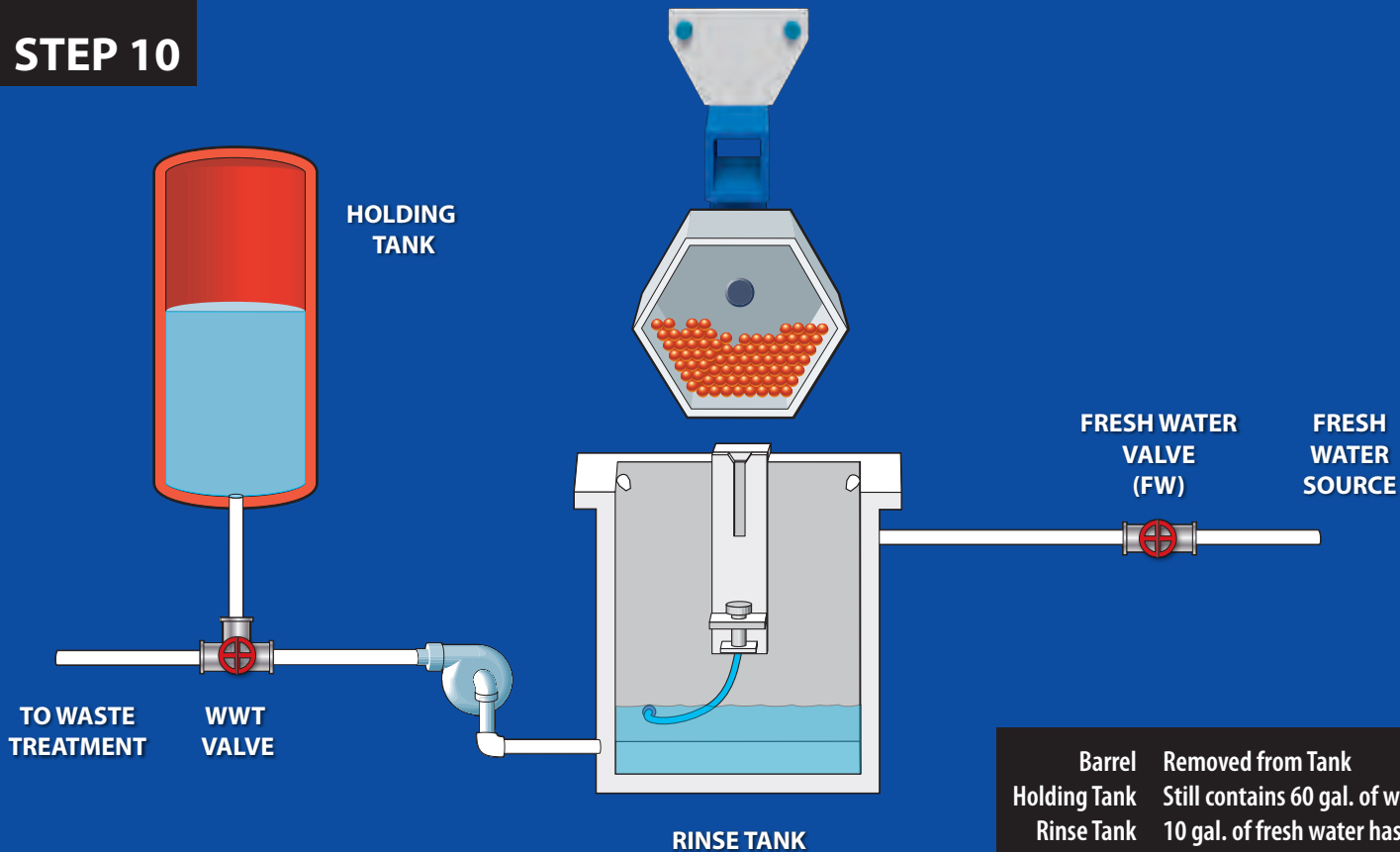
Barrel	Rotates
Holding Tank	Still contains 60 gal. of water
Rinse Tank	5 more gal. fresh water is sprayed in/on barrel (Tank now has 20 gal.)
WWT Valve	Closed
FW Valve	Open

# STEP 9



- |              |  |
|--------------|--|
| Barrel       | Rotates, dripping off residual chemistry |
| Holding Tank | Still contains 60 gal. of water          |
| Rinse Tank   | Liquid level remains below barrel        |
| WWT Valve    | Closed                                   |
| FW Valve     | Closed                                   |

# STEP 10



Barrel	Removed from Tank
Holding Tank	Still contains 60 gal. of water
Rinse Tank	10 gal. of fresh water has been added. (Tank has 20 gal. total)
WWT Valve	Closed
FW Valve	Closed

# STEP 11

