

# Washing Out Mixer Trucks Used To Mean Washing Away Money. And One Sloppy Mess For Your Operation.



## Our New System Changes That Forever.





# Now When You Wash Out, You Can Really Clean Up.

**It's a problem:** How to manage the messy concrete slurry produced after washing out concrete mixer trucks. Slurry that can create messy ponds, and mountains of muck. And create costly wear on expensive machines.

**Introducing the Zero Discharge Production Water (ZDPW) turnkey recycle system from CMW Equipment.**

At CMW, we've developed a reliable and efficient closed-loop system with five stages to recover and re-use production water. It's a recycling process that can prevent discharge to natural water systems, or city sewers and deliver significant ROI to your operation by money on every gallon of water purchased.

**In a typical ready-mix plant, 55% of production water is sold with the concrete. Our system is built to manage the other 45%.**

The CMW|ZDPW process removes cement and aggregate, producing a filtered, clear water. Water that's clarified without chemicals and ready to be re-used for production.

CMW has engineered this system with high-quality components that are installed and optimized for continuous operations and low maintenance, with an expected payback of three (3) years, or sooner.



### FIVE STAGE PROCESS:

1. Mixer wash out
2. Wash aggregates
3. Agitate gray water
4. Filter water
5. Finish and store

**The Zero Discharge Production Water System from CMW Wash Out. Clean Up.**



# The Difference Is Clear.

Water Before

Water After



## Maximize returns on concrete production. Recover and re-use your production wash water.

The CMW|ZDPW system allows you to step up your water and material recycling rates, lower process waste disposal costs and limit landfill-bound materials. You can recover concrete and slurry fines and cut your disposal costs with dry cakes. The system uses a low-maintenance Stephens Recycler and a Matec Filter Press that runs continuously, requiring just a weekly process to clean the filter plates and probe.



## Turn hard-to-handle sludge into easy-to-handle cakes.

Fiber-mesh and color remain in the cakes. The filter cakes retain less than 5% production water and are easy to move and dispose.





# Ready To Clean Up?

**A concrete reputation.** Count on the experts at CMW Equipment to provide the solutions you need. With 60 years of concrete experience, we know what it takes to make your operation run at a higher level of performance.

To learn how your operation can benefit from installing our new system, please contact Larry Glynn / CMW at (314) 993-1336 or [info@cmw-equip.com](mailto:info@cmw-equip.com).

From the Stephens Recycler to the Matec Filter Press, the CMW|ZDPW system is designed and engineered with only the best-quality components.

The result is low maintenance, reduced cost and high efficiency for your plant operation.



**Matec Water Agitators**



**Matec Filter Plates & Filter Cloth**



**Stephens Recycler Control Station**



**Main Electrical Controls**



**Stephens Recycler**



**Gorman-Rupp Pump**



**Matec Pump**



**Matec Filter Press**

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