

# CARBOTROL

## ADVANCED WASHWATER RECYCLE SYSTEMS

(MODELS GCW-3 GCW-4)



*Engineered systems provide:*

- \* Best Available Technology*
- \* Closed Loop Recycling*
- \* High Reliability and Low Maintenance*

*Typical Applications:*

- \* Golf Course Maintenance*
- \* Vehicle Washing*
- \* Equipment Cleaning*



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## ADVANCED WASHWATER RECYCLE SYSTEM



**PRIMARY COLLECTION SUMP**

Dirty wash water collects in the primary sump. At water high level, the pump engages. During pumping, the water is vigorously agitated to ensure that grass, and dirt, do not accumulate in the sump.



**HYDRO SCREEN AND GRASS CART**

Dirty water is pumped from primary sump to the solids separation screen. Grass and dirt are filtered by the screen and collected in a grass cart. Filtered water passes through the screen and flows into a transfer sump.



**CLARIFIER & WATER STORAGE**

Screened wash water is pumped from transfer sump to the clarifier where additional solids are removed by quiescent settling. The clarified water then flows to a storage tank, prior to final treatment and reuse.



**TREATMENT AND RECYCLE PACKAGE**

Clarified washwater is pumped to the treatment system which includes sand filtration and activated carbon adsorption. Oxidation using ozone and hydrogen peroxide provides final polishing. Water is available on demand.