

# ENVIROWASH F1 FIXED UNIT

Pioneering Environmentally Safe Washouts



The EnviroWash system operates with a closed loop recycling process, which means that all water used in the system is recycled, treated, and reused. So the water you start with is the water you end with. The impact that this can have on our water supply is truly astounding considering that millions of gallons of water are used each year for concrete washout, and possibly even more rainwater is contaminated by overflow and leakage of washout wastewater.

## THE ENVIROWASH SYSTEM – WHAT IT IS

The EnviroWash, developed by Waste Crete Systems, is the only concrete washout solution that prevents nearly 100% of rainwater and groundwater contamination throughout the building process with patent pending closed-loop concrete wastewater recycling, treatment and handling technology.

## CLEAR BENEFITS

- EPA Compliance
- Safety
- Cost-effective
- Water conservation
- Easy-operation
- Designed to meet your needs

## HOW IT WORKS

The EnviroWash F1 (Fixed Unit) is composed of five core components: Hinged and locked hoppers, a pumping system comprised of sump and pressure pumps, central walkway, forced weir tank system, and control box. In a nutshell, the closed-loop system captures concrete wastewater in hinged hoppers; the pumping system then collects wastewater from under the hoppers and deposits it into the forced weir tank system for separation and filtration. The recycled water is then pumped into the hoppers for reuse. This process maintains a viable source of recycled water that can be used for an indefinite period of time.

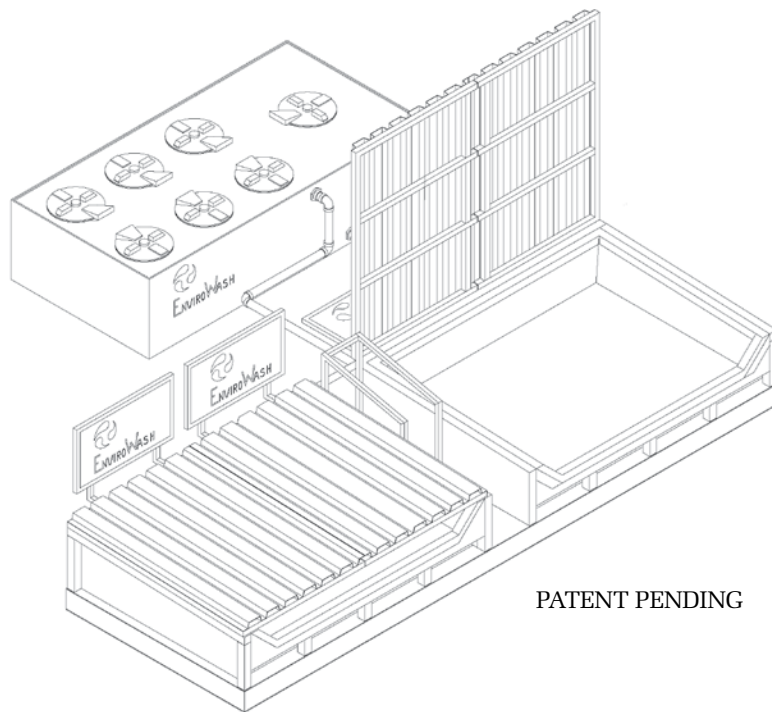
# THE ENVIROWASH CONCRETE WASTEWATER HANDLING SYSTEM

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## WHEN TO USE IT

The EnviroWash F1 is designed for use at larger building sites where there is need to place concrete on a daily basis and/or several hundred yards at one time. It is a semi-permanent two-hopper unit with a detached forced weir tank system. The unit may be hard-wired or generator-powered.



## WHAT ABOUT SERVICE & MAINTENANCE

Parent company, Waste Crete Systems, LLC, provides complete training and support for the EnviroWash team of service providers, as well as, the entire EnviroWash family of washout products. Our licensed service providers will fully service and support every EnviroWash unit including water treatment or removal if needed.

## ENVIROWASH F1 SPECS & MEASUREMENTS

The F1 EnviroWash unit is 18'-6" long by 6'-6" wide and 36" tall. It has a separate weir tank that is 10'-0" x 5'-0" and is 30" tall. The tank holds 900 gallons of water. It also has two-yard hoppers, as well as water hoses for two trucks to wash out at the same time depending on the job site. It can be adapted for 4 to 6 trucks to wash out at one time.

## TARGETED POLLUTANTS

Suspended Solids	Cement, fly ash particles, sand, dirt, and etc.
Caustic Wastewater	Water with a PH level of more than 11 units

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