

AWAYWASH Concrete Washout Case Study

Situation:

Ready-mix truck chutes need to be washed out after each drop. This maintains the truck in good condition and prevents spill hazards to other road users.

Problem:

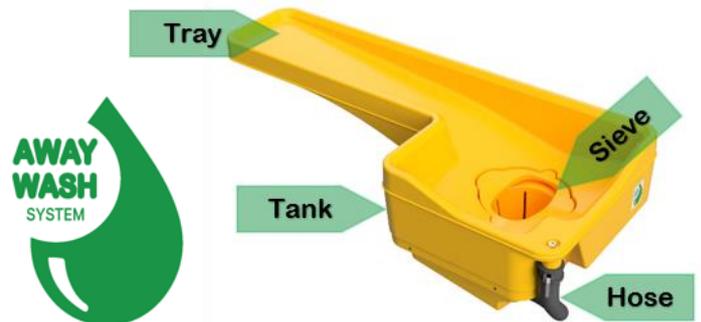
Concrete washout water is very alkaline and also contains chromium. It may harm animals, plants, and pollute ground or surface water which is an environmental offence. PPG6 guidelines from the Environment Agency specify that washout water should not be allowed to run into any drain or watercourse.

Construction companies don't always provide washout facilities. When they do, they incur a financial cost plus time and resource commitment. Domestic clients typically have no suitable washout area.

Solution:

Mounted on ready-mix trucks, AWAYWASH collects and contains the high PH water to transport it safely back to the batching plant for re-use.

AWAYWASH is designed and manufactured in the UK (Patent pending) from 100% recyclable, UV stable polyethylene.



End-User Interview - Mark Bates and Sons Ltd

Mark Bates owns and runs a concrete batching plant in Middleton, Greater Manchester. He adopted AWAYWASH immediately after its introduction in 2016.



Q: Why did you choose AWAYWASH?

Mark: Our company has a strong focus on environmental practices and AWAYWASH is just what I was looking for. It gives us the convenience to washout anywhere, anytime in full compliance with environmental legislation.

Q: What are its benefits?

Mark: It benefits us in many ways, for example:

- We save and re-use washout water for batching.
- We always have a convenient and legal place to washout.
- In transit, placing the main chute above the tank prevents aggregate spills on the highway.
- Our clients see that we are self-sufficient when it comes to washing out and they love it. It shows we go one step further for them.

Q: Is it easy to use?

Mark: Very easy, the product is clever in its simplicity. There are no mechanical parts and nothing sticks to the polyethylene.

The driver places the chutes above the tank and washes out as normal. Aggregates collect into the sieve and water collects in the tank. The sieve acts as a baffle to the water, preventing any spill onto the road.

At the batching plant, drivers back up to the settlement pit and unfasten the hose, allowing the washout water to drain into the recycling pit. It is that simple.

Q: How does it compare to other washout solutions?

Mark: For me, it is the best solution out there. It eliminates washing out on the ground. I tried other truck mounted systems but had issues with clogging. With site-based washout containers (skips etc.) we used to waste time queuing up at busy washout areas. With the AWAYWASH we are autonomous.

The product is lightweight (circa 22Kg) so it doesn't really reduce our payload. Being made from polyethylene, it is easy to wash and doesn't corrode like metal products do.

Q: Would you recommend AWAYWASH?

Mark: Absolutely. We are getting new trucks ourselves next week and we have specified AWAYWASH on them. We also have a retrofit programme on the cards for our existing trucks.

www.AWAYWASH.com