

# STORMWATER

## Pollution Prevention

**Concrete Washout**  
**Concrete Sawing**  
**Dewatering**

**Concrete washout** is the result of washing concrete trucks, mixers, chutes, tools, and related items. It can also be the result of saw-cutting, grinding, coring and grooving as well as from cementitious products like grout, mortar, plaster and stucco.



**Concrete washout** is highly alkaline (pH 12), caustic and corrosive. When improperly handled, it can pollute surface and groundwater by altering the pH, increasing total suspended solids, reducing water clarity and increasing the toxicity of other substances. These changes directly affect aquatic life and their habitats.

**The US Environmental Protection Agency (EPA), the Kansas Department of Health and Environment and the City of Lawrence mandate the use of Best Management Practices (BMPs) to prevent water pollution.**



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# ***Stormwater Management Practices for Concrete Washout, Concrete Sawing and Dewatering***

The release into the stormwater drainage system of wastewater and debris resulting from these operations is strictly prohibited by the Stormwater Pollution Prevention Ordinance No. 7373.

## ***Concrete Washout***



Ready-mixed concrete, or any materials resulting from the cleaning of vehicles or

equipment containing or used in transporting or applying ready-mixed concrete, must be contained on construction sites for proper disposal. Washout areas must have proper containment, signage and paved or gravel access.



***VIOLATIONS***



## ***Concrete Sawing***



Slurry, dust and debris from concrete sawing or grinding must be contained and disposed of as concrete washout. Dried slurry must be cleaned up. All nearby inlets should be protected.



## ***Exposed Aggregate***

Wastewater from washing exposed aggregate must flow to a permeable area or be contained and disposed of as concrete washout.



## ***Dewatering***



Filter discharge before releasing to stormwater system. Be sure hose reaches street or other paved surface or direct flow to a well vegetated area.



Dewatering practices which discharge unfiltered water or cause erosion are prohibited.