

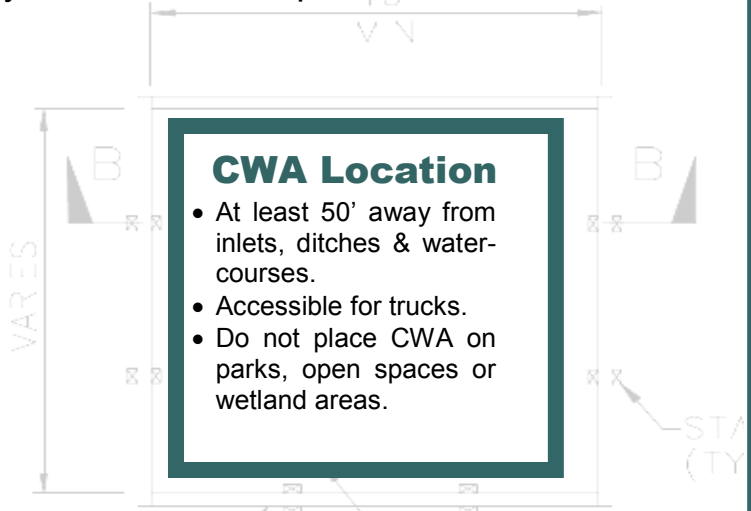
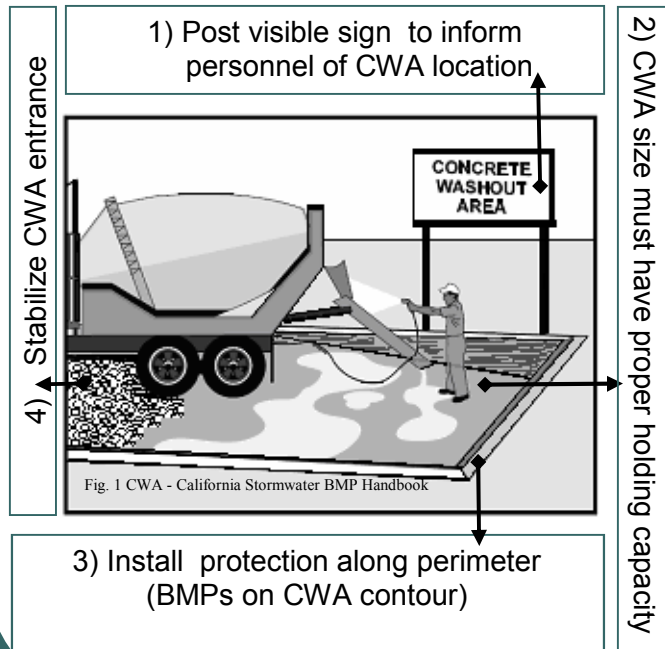
## Concrete Washout Area (CWA)

The discharge of concrete and cement-related mortars into storm drain inlets, lakes or streams is prohibited by Federal, State, County and City regulations. These liquids not only have a high pH, but also contain heavy metals and suspended solids which are toxic to fish and aquatic environment.

### CWA Definition

Designated area which allows concrete liquids to pool, evaporate, dry out or soak into the ground. Settled, hardened concrete should be broken up, removed and disposed as garbage or recycled properly.

### CWA Minimum Requirements:



**CORRECT: ✓**



**INCORRECT: ✗**

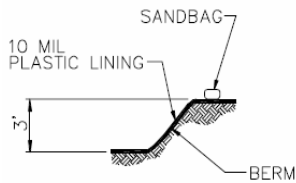


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# Concrete Washout Area (CWA)

## Type 1. Concrete Washout Area:

Temporary concrete washout pit or bermed area below grade of sufficient volume to completely contain all concrete washout liquids. See Fig. 2, 3 & 4



SECTION  
NOT TO SCALE

Fig 2. CWA Type 1A - California SW Handbook

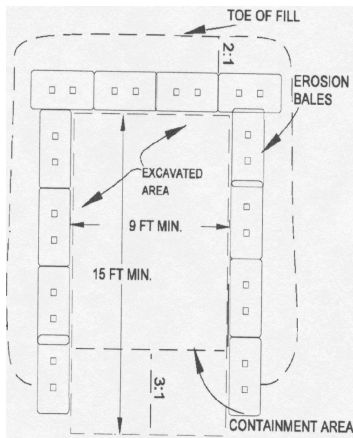


Fig 3. CWA Type 1B - CDOT Guide.

## Type 2. Portable Concrete Washout:

Watertight container above surface with ramps that captures all concrete washout liquids. See Fig. 5

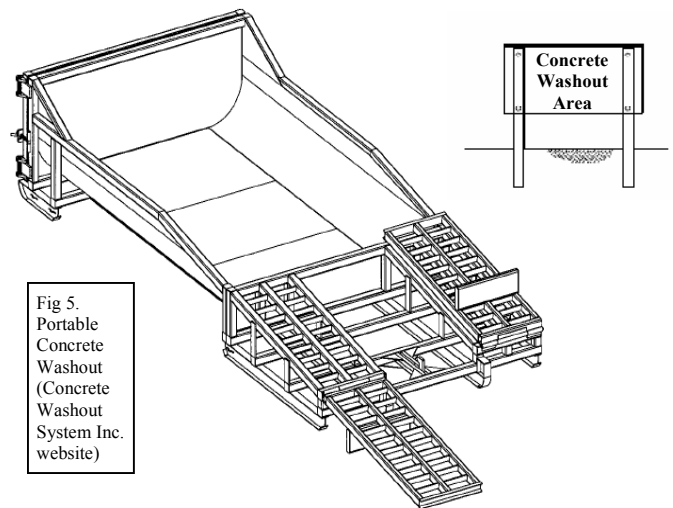


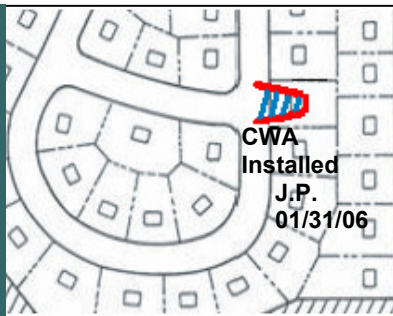
Fig 5. Portable Concrete Washout (Concrete Washout System Inc. website)



Fig 4. CWA Type 1C - Picture courtesy of Jefferson County, CO.

### Remember

to change the location on the plan, if the location on the field changes.



## Maintenance &

## Required Practices:

- ◆ Never wash out into a storm inlet or drainage ditch.
- ◆ Do not dump large volumes of excess concrete.
- ◆ Use as little water as possible when washing out.
- ◆ Stop washing out if liquids are leaking from CWA.
- ◆ Never add solvents or acid to the wash water.
- ◆ Inspect regularly and clean out when 75% full.
- ◆ Do not allow to overflow, request a vacuum service if needed.
- ◆ Train employees, subcontractors, and suppliers on concrete waste management techniques.



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