

CONCRETE/STUCCO WASHOUT CONTROLS



Illustration of large concrete washout fabricated from straw bales, plastic sheeting, and wooden stakes. Note how sheeting extends well over sidewalls, and is tucked under bales.



Photo credit: Barry Tanning, Tetra Tech

Concrete washout for single lot use made of straw bales and plastic. Washout is located away from pavement, storm drains, and ditches to ensure that any overflow does not move toward surface waters.



Provided to you by Calcasieu Parish
Police Jury Environmental Department



USE: Capture and hold concrete washout water and concrete waste. Use this BMP at sites in which concrete and stucco waste is present. Concrete waste is present at most construction sites.

LOCATION: Place washout area in a convenient location for concrete truck drivers, but away from storm drains, ditches, stormwater inlets, and surface waters.

DESIGN CRITERIA:

- Use pre-determined disposal sites for waste concrete.
- Provide adequate signage in relevant languages (English, Spanish, etc.) to mark washout area.
- Direct washout water into a leak-proof container or pit designed so that no overflows will occur due to inadequate sizing or precipitation.
- Do not dump liquid wastes in storm sewers or surface waters, and locate washout and cleanout activities away from drainage features. If liquids are present and must be removed, dispose of liquid wastes consistent with the specifications in Materials Storage and Handling.
- Use an impermeable, durable plastic liner to prevent leakage of wash water.
- Construct basin sidewalls with straw bales, wood, or earthen berms. Fabricated washout tanks are available in some areas.
- Remove and dispose of hardened concrete waste consistent with how you dispose of other construction wastes as specified in Construction and Solid Waste Management.

MAINTENANCE:

- Inspect washout basins regularly for leakage and overflows.
- Immediately repair or replace any that are found to be defective.
- Cover washout basins that are full, to promote complete drying of contents prior to disposal.

TIPS:

- Work with other builders to share washout basin responsibilities.
- Drivers and equipment operators must be instructed on proper disposal and equipment washing practices (see above).

REMOVAL:

When basin is full, allow contents to dry completely before removal.