



CONCRETE WASHOUT

DEFINITION AND PURPOSE:

Concrete waste management prevents the discharge of pollutants to stormwater from concrete waste by conducting washout off-site, performing on-site washout in a designated area (concrete washout BMP), and training employees and subcontractors.

APPROPRIATE APPLICATIONS:

Concrete washouts are implemented on construction projects where slurries containing Portland cement concrete (PCC) or asphalt concrete (AC) are generated, such as from saw cutting, coring, grinding, and grooving. Also where concrete trucks and other concrete-coated equipment are washed on-site.

CONDITIONS FOR EFFECTIVE USE:

Washout should be located a minimum of 50 feet from storm drains, open drainage facilities, and watercourses. Avoid mixing excess amounts of fresh concrete.

WHEN BMP IS TO BE INSTALLED:

Installed before the start of any concrete activities or deliveries.

STANDARDS AND SPECIFICATIONS:

Temporary concrete washouts should be designed with sufficient quantity and volume to contain all liquid and concrete waste. Plastic lining material should be a minimum of 10 mil. polyethylene sheeting and should be free of holes, tears, or other defects that compromise the impermeability of the material. Do not wash sweepings from exposed aggregate concrete into the street or storm drain. Collect and return sweepings to aggregate base stockpile or dispose in the trash.

OPERATION AND MAINTENANCE PROCEDURES:

Inspect every week and after ½” storm event. Remove and dispose of hardened concrete and return the facility to a functional condition. Washout facilities must be cleaned, or new facilities must be constructed and ready for use once the washout is 75% full.

SITE CONDITIONS FOR REMOVAL:

When temporary concrete washout facilities are no longer required for the work, the hardened concrete should be removed and disposed of. Materials used to construct temporary concrete washout facilities should be removed from the site and disposed of. Holes, depressions or other ground disturbance caused by the removal of the washout should be backfilled and repaired.

TYPICAL DETAILS:

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