



**SPECIAL PROVISIONS
FOR
CONCRETE WASHOUT**

**Des Moines County
EDP-0977(650)--7Y-29
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**Effective Date
~~October 20, 2020~~ June 15, 2021**

THE STANDARD SPECIFICATIONS, SERIES 2015, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

155048a.01 DESCRIPTION.

Provide a concrete washout system that retains all concrete washwater.

155048a.02 MATERIALS.

- A.** Provide a concrete washout system that retains all concrete washwater and complies with one of the following.
 - 1. Manufactured washout containment.**
 - a.** Concrete washout containers: provide roll-off type metal container that is leak-proof and designed specifically for collection of concrete and concrete washwater. When concrete pumper trucks are utilized, provide a ramp or other means to allow access for pumper trucks.
 - b.** Concrete washout collection bags: provide leak-proof collection bags designed specifically for collection of concrete and concrete washwater.
 - c.** Chute washout box: provide ready mixed trucks with on-vehicle chute washout system to collect concrete washwater for return to the ready mixed plant.
 - 2. Non-manufactured containment.**
 - a.** Below-grade system: for excavated pits, provide an impermeable plastic liner with a minimum thickness of 10 mils.
 - b.** Above-grade containment: for containment areas constructed from earthen berms, provide a double thickness of impermeable plastic liner with a minimum thickness of 10 mil per sheet.
- B.** Prohibited products: silt fence, unlined hay bales, unlined earthen embankments, and other practices that may allow concrete washwater to leak out of the containment area or to come in direct contact with the ground are not allowed.

155048a.03 CONSTRUCTION.

A. Concrete Washout.

1. Clearly mark the location of the washout area and provide directions to truck drivers.
2. Locate concrete washout containment systems a minimum of 50 feet from proposed or existing storm sewer intakes, open ditches, or waterbodies.
3. Collect all concrete washwater from ready mixed trucks, pumper trucks, and cleaning of tools and other equipment.
4. Retain concrete washwater within the containment system until the water evaporates or is collected and disposed.
5. Prior to rain events, lower the liquid level or cover the concrete washout containment area to prevent overflow.
6. Clean out the concrete washwater containment area when it reaches 75% of the total capacity.
7. Hardened solids may be removed from the containment area and disposed of as other nonhazardous wastes or may be broken up and used on the site for other appropriate uses.

B. Cleanup and Removal.

1. Remove all manufactured washout containment facilities from the project area.
2. For excavated pits, pump out and properly dispose of all remaining water, remove any hardened solids, and remove all plastic liner materials and fill pit area flush with surrounding ground.
3. For above-grade containment facilities, pump out and properly dispose of all remaining water, remove any hardened solids, and remove all plastic liner materials and spread out earthen berms.

155048a.04 METHOD OF MEASUREMENT.

Lump sum item, no measurements shall be made.

155048a.05 BASIS OF PAYMENT.

- A. Payment will be at the lump sum price for Concrete Washout.
- B. Unit price includes, but is not limited to, all materials, equipment, and labor required to providing concrete washwater containment, collection, and disposal.