

Section 7.1.13-15-3.02

OUTPAK CORRUGATED CONCRETE WASHOUT

PART 1: GENERAL

1.01 Description

- A. Work shall consist of furnishing and installing of an OUTPAK corrugated concrete washout in accordance with these specifications and in conformity with the plans.
- B. Work includes preparing foundation soil, furnishing and installing leveling pad, washout and removal of washout

1.02 Related Sections

- A. Section 7-1.13- (15-3.02) – Erosion and sediment concrete section-_-Temporary facilities.

1.03 Reference Documents

- A. A. American Society for Testing and Materials (ASTM).
 - 1. ASTM-D4397 Standard Specifications for Polyethylene Sheeting
 - 2. ASTM-1709 Impact Resistance of Plastic Film.
 - 3. ASTM-E96 Water Vapor Transmission of Materials.
- B. National Motor Freight Classification. (NMFC)
 - 1. Item 222 Corrugated Fiberboard Boxes.
- C. Uniform Freight Classification. (UFC)
 - 1. Rule 41 Corrugated Fiberboard Boxes

1.04 Submittals/Certification

- A. Contractor shall submit a Manufacturer's certification, prior to start of work, that the washout meets the requirements of this specification.
- B. The washout location should be shown on the Project specific Water Storm Pollution Plan (SWPPP) drawings or Erosion and Sediment Control Plan (ESCP) drawings.

1.05 Delivery, Storage and Handling

- A. Contractor shall check all materials upon delivery to assure that the size, type, and quantities have been received.
- B. Contractor shall protect all materials from damage due to jobsite conditions and in accordance with manufacturer's recommendations. Damaged materials shall not be incorporated into the work.

PART 2: PRODUCTS

2.01 Definitions

- A. 4 mil polyethylene Washout Liner
- B. Outpak Corrugated Box constructed of water resistant 350 pound corrugated paper board.

2.02 Washout

- A. The Washout consists of a corrugated box and a 4 mil washout liner.

2.03 Base

- A. Material shall consist of native or imported soil. May also be level asphalt or concrete surface.

PART 3: EXECUTION

3.01 Prepare Level Surface

- A. Locate level area to deploy.
- B. Clear area where washout is to be deployed of debris, rocks, other materials that may puncture the corrugated board and 4mil plastic liner. If rocks or other debris cannot be removed, cover protrusions with imported sand.

3.02 Set up Washout

- A. Unpack the corrugated washout.
- B. Unfold the corrugated box.
- C. Cover the corrugated box with the enclosed 4mil polyethylene liner.
- D. Secure Liner into pinch points at top washout box perimeter.
- E. Insert tie-down stakes if required (note tie-down stakes are no provided with corrugated washout).
- F. If a storm is imminent cover the Outpak washout with a tarp to prevent overflow of the washout.

3.03 Dispose Outpak Washout

- A. After the washout has been filled with washout residue material, allow the wastewater to evaporate leaving only solid concrete residue.
- B. After residue has dried onto a flat-bed space or dump truck using a small loader. Full, hardened units can even be stacked for easy transportation.

3.04 Field Quality Control

- A. Check washout unit for leaks ensure wash water is not leaking out of washout.
- B. Washouts may be used for multiple washout events and concrete placement events. Make sure that the washout has sufficient free space to hold the next planned washout event.
- C. If the washout is moved, note the new location in the project stormwater pollution prevention documents.