

## **ITEM 01209.11 M - GEOTEXTILE FABRIC SEDIMENT COLLECTION BAG**

### **DESCRIPTION**

This work shall consist of furnishing, installing, maintaining, removing, and disposing of a Geotextile sediment collection bag as shown in the contract documents or as directed by the Engineer.

### **MATERIALS**

The materials shall conform to the following requirements:

- The Geotextile sediment collection bag shall be a non-woven bag which is sewn with a high strength thread.
- Bags shall have high strength double stitched "J" type seams.
- Sewn in spout.
- High Strength strapping for holding hose in place.
- Hose opening to accommodate up to a 4" hose.

### **CONSTRUCTION DETAILS**

The provisions of Standard Specifications § 209-1.01, §209-3.01, §209-3.02 and §209-3.03 shall apply.

Sediment collection bags shall be installed in accordance with the manufacturers instructions, the contract documents, or as directed by the Engineer.

Sediment collection bags left in place as part of a fill or side slope shall be topsoiled and seeded.

Sediment collection bags shall be removed and replaced under any of the follow conditions if not being used as fill or side slope material:

- When sediment collection bags are full.
- When sediment collection bags have been in place for more than 30 days (removal required due to ultraviolet deterioration).
- When sediment collection bags are damaged.

Care shall be taken during removal to minimize loss of entrapped sediment.

### **METHOD OF MEASUREMENT**

The quantity shall be the number of bags installed, in accordance with the contract documents or as directed by the Engineer.

### **BASIS OF PAYMENT**

The unit price bid for this work shall include the cost of furnishing all labor, equipment, and materials necessary to complete the work, including installation, maintenance, removal and disposal. No additional payment will be made for the replacement of damaged bags caused by the contractors operations..

Progress payments will be made as follows:

- 50% upon satisfactory installation.
- 50% upon removal and disposal.

Topsoil and seeding shall be paid for under the appropriate items.