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| **QUESTION** | **Application** |
| **SS7.1** | Are the Geotextile, Plastic, or Erosion Control Blanket/Mats applied as required? |
| **CGP, Attachment C.D.2, D.D.2, E.D.2** | Risk Level 1, 2 and 3 dischargers shall provide effective soil cover for inactive1 areas and all finished slopes, open space, utility backfill, and completed lots.  1 Inactive areas of construction are areas of construction activity that have been disturbed and are not scheduled to be re-disturbed for at least 14 days. |
| **CGP, Attachment D.E.3, E.E.3** | Risk Level 2 and 3 dischargers shall implement appropriate erosion control BMPs (runoff control and soil stabilization) in conjunction with sediment control BMPs for areas under active2 construction.  2 Active areas of construction are areas undergoing land surface disturbance. This includes construction activity during the preliminary stage, mass grading stage, streets and utilities stage and the vertical construction stage. |
| **13-1.03A General** | Install soil stabilization materials for water pollution control practices in all work areas that are inactive or before storm events. |
| **SPECs, 13-5.03A General** | Apply temporary soil stabilization materials within 24 hours after an area is ready to receive temporary soil stabilization or before a forecasted storm event. |

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|  | **Installation** |
| **SS7.2** | Are the Geotextile, Plastic or Erosion Control Blankets/Mats installed correctly? |
| **SPECs, 13-5.02F Temporary Covers** | Use restrainers to secure the cover fabric or plastic sheeting to the surface of the slope.  Restrainers must be one of the following:  1. Gravel-filled bags roped together and spaced not more than 6 feet apart.  2. Wooden lath and anchor restrainers as shown. Wooden lath must be 2 by 4 inches by 8 feet made from fir or pine. Anchor restrainers must be made from steel reinforcing bars and spaced not more than 4 feet apart along the wooden lath.  3. Another authorized method. |
| **SPECs, 13-5.03K Temporary Covers** | Install temporary cover fabric as follows:  1. Place fabric loosely on the slope or stockpile with the longitudinal edges perpendicular to the slope contours.  2. Place fabric on the upper portion of the slope to overlap the fabric on the lower portion of the slope.  3. Place fabric on the side facing the prevailing wind to overlap the fabric on the downwind side of the slope.  4. Anchor the perimeter edge of the fabric in key trenches.  5. Overlap edges of the fabric by at least 2 feet.  6. Place restrainers at the overlap area and along the toe of the slope. Space the restrainers a maximum of 8 feet on center between the overlaps.  7. If anchor restraints are used, ensure that the leg of the steel reinforcing bar pierces the fabric and holds the wooden lath firmly against the surface of the slope or stockpile.  Whenever you remove a temporary cover to perform other work, replace and resecure it within 1 hour of stopping work. |
| **SPECs, 21-1.03O Rolled Erosion Control Products** | Before placing RECP, ensure the subgrade has been graded smooth and has no depressed voids. The subgrade must be free from obstructions, such as tree roots, projecting stones, or foreign matter greater than 1 inch in diameter.  Fasten RECP to the surface with staples and anchor as shown.  Do not drive vehicles upon RECP following placement. |
| **See Standard Plan Sheet T53** | Temporary Cover |
| **See Standard Plan Sheet T54** | Temporary Erosion Control Blanket |

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|  | **Materials** |
| **SS7.3** | Do the Geotextile, Plastic or Erosion Control Blankets/Mats consist of the proper materials? |
| **SPECs, 13-5.02B Erosion Control Blankets** | An erosion control blanket classified as long-term and non-degradable must be rock slope protection fabric, Class 8. |
| **SPECs, 13-5.02F Temporary Covers** | Temporary cover must be geosynthetic fabric, plastic sheeting, or a combination.  Plastic sheeting must be single-ply geomembrane material, 10 mils thick, complying with ASTM D2103.  Rope must be at least 3/8 inch in diameter and be biodegradable or nondegradable. Biodegradable rope must be made from sisal, manila, or other natural fiber. Nondegradable rope must be made from nylon, polypropylene, or other geosynthetic fiber. |
| **SPECs, 13-5.02G Gravel-Filled Bags** | Gravel-filled bags must:  1. Be made of geosynthetic gravel-filled bag.  2. Have inside dimensions from 24 to 32 inches long and from 16 to 20 inches wide.  3. Have a bound opening to keep gravel. The opening must be sewn with yarn, bound with wire, or secured with a closure device.  4. Weigh from 30 to 50 pounds when filled with gravel.  Gravel for gravel-filled bags must be from 3/8 to 3/4 inch in diameter and must be clean and free of clay balls, organic matter, and other deleterious materials. |
| **SPECs, 21-1.02O(1) Rolled Erosion Control Products**  **General** | RECP must be a long-term, degradable, open-weave textile manufactured or fabricated into rolls designed to reduce soil erosion and assist in the growth, establishment, and protection of vegetation. RECP must conform to the classification system established by the Erosion Control Technology Council. |
| **SPECs, 21-1.02O(2) Jute Mesh** | Jute mesh must be made of processed natural jute yarns woven into a matrix. |
| **SPECs, 21-1.02O(3) Netting** | Netting must be made of coconut fiber woven into a matrix. |
| **SPECs, 21-1.02O(4) Erosion Control Blankets** | Erosion control blanket must be made of processed natural fibers that are mechanically, structurally, or chemically bound together to form a continuous matrix that is surrounded by 2 natural nets. |
| **SPECs, 21-1.02O(5) Turf Reinforcement Mats** | Turf reinforcement mat must be a nondegradable, open-weave textile made of synthetic fibers, filaments, nets, wire mesh or other elements, processed into a permanent, three-dimensional matrix. Turf reinforcement mat must comply with requirements shown in the following table: |
| **SPECs, 21-1.02R Fasteners** | Steel staples must be a minimum of 11-gauge, 6-inch, U-shaped staples with a 1-inch crown. Provide heavier gauge and greater length if required by the site conditions. You may use an alternative CGP, Attachment device such as a 100 percent biodegradable fastener to install RECP instead of staples. |

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|  | **Maintenance** |
| **SS7.4** | Are the Geotextile, Plastic or Erosion Control Blankets/Mats maintained correctly? |
| **SPECs, 13-5.03K Temporary Covers** | Maintain a temporary cover to minimize exposure of slopes and stockpiles and prevent material movement beyond the linear sediment barrier.  Relocate and secure restrainers to keep erosion control blankets in place. Whenever a temporary cover breaks free, re-secure it immediately.  Repair or replace a temporary cover whenever any of the following occur:  1. Covered area becomes exposed or exhibits visible erosion  2. Washouts occur between the joints or beneath the linear sediment barrier  3. Temporary cover becomes detached, torn, or unraveled |
| **CGP, Order IV.E Proper Operations and Maintenance** | The discharger shall at all times properly operate and maintain any facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with the conditions of this General Permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance may require the operation of backup or auxiliary facilities or similar systems installed by a discharger when necessary to achieve compliance with the conditions of this General Permit. |



