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| **QUESTION** | **Application** |
| **WM1.1** | **Is Material Delivery and Storage applied as required?** |
| **SPECs, 13-4.03C(1) General** | Minimize or eliminate discharge of material into the air, storm drain systems, and receiving waters while taking delivery of, using, or storing the following materials:  1. Hazardous chemicals, including acids, lime, glues, adhesives, paints, solvents, and curing compounds 2. Soil stabilizers and binders 3. Fertilizers  4. Detergents 5. Plaster 6. Petroleum materials, including fuel, oil, and grease 7. Asphalt and concrete components  8. Pesticides and herbicides |
| **CGP, Attachment C.B.1; D.B.1; E.B.1** | Risk Level 1, 2 and 3 dischargers shall implement good site management (i.e., "housekeeping") measures for construction materials that could potentially be a threat to water quality if discharged. At a minimum, Risk Level 1, 2 and 3 dischargers shall implement the following good housekeeping measures:  a. Conduct an inventory of the products used and/or expected to be used and the end products that are produced and/or expected to be produced. This does not include materials and equipment that are designed to be outdoors and exposed to environmental conditions (i.e. poles, equipment pads, cabinets, conductors, insulators, bricks, etc.).  b. Cover and berm loose stockpiled construction materials that are not actively being used (i.e. soil, spoils, aggregate, fly-ash, stucco, hydrated lime, etc.).  c. Store chemicals in watertight containers (with appropriate secondary containment to prevent any spillage or leakage) or in a storage shed (completely enclosed).  d. Minimize exposure of construction materials to precipitation. This does not include materials and equipment that are designed to be outdoors and exposed to environmental conditions (i.e. poles, equipment pads, cabinets, conductors, insulators, bricks, etc.).  e. implement BMPs to prevent the off-site tracking of loose construction and landscape materials. |
| **CGP, Attachment C.B.4; D.B.4; E.B.4** | Risk Level 1, 2 and 3 dischargers shall implement good housekeeping for landscape materials, which, at a minimum, shall consist of the following:  a. Contain stockpiled materials such as mulches and topsoil when they are not actively being used.  b. Contain fertilizers and other landscape materials when they are not actively being used.  e. Stack erodible landscape material on pallets and covering or storing such materials when not being used or applied. |
| **LTP, VIII.** | Dischargers shall minimize or prevent pollutants in authorized non-storm water discharges through the use of controls, structures and management practices that achieve BAT for toxic and non-conventional pollutants and BCT for conventional pollutants |
| **LTP, VIII.A** | **4.** Store chemicals in watertight containers with appropriate secondary containment to prevent any spillage or leakage, and protect from precipitation and surface run-on. For hazardous liquids used in active work areas, place in appropriate temporary secondary containment when not in use. |

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|  | **Implementation** |
| **WM1.2** | **Is Material Delivery and Storage implemented properly?** |
| **SPECs, 13-4.03C(1) General** | The following activities must be performed at least 100 feet from concentrated flows of stormwater, drainage courses, and inlets if within the floodplain and at least 50 feet if outside the floodplain, unless otherwise authorized: 1. Stockpiling materials |
| **SPECs, 13-4.03C(2) Material Storage** | If materials are stored:  1. Store liquids, petroleum materials, and substances listed in 40 CFR 110, 117, and 302 and place them in secondary containment facilities as specified by USDOT for storage of hazardous materials.  2. Secondary containment facilities must be impervious to the materials stored there for a minimum contact time of 72 hours.  3. Cover secondary containment facilities during nonworking days and whenever precipitation is forecasted. Secondary containment facilities must be adequately ventilated.  4. Keep secondary containment facilities free of accumulated rainwater or spills. After precipitation, or in the event of spills or leaks, collect accumulated liquid and place it into drums within 24 hours. Handle the liquid as hazardous waste under section 14-11 unless testing confirms that the liquid is nonhazardous.  5. Do not store incompatible materials, such as chlorine and ammonia, in the same secondary containment facility.  6. Store materials in their original containers with the original material labels maintained in legible condition. Immediately replace damaged or illegible labels.  7. Secondary containment facilities must have the capacity to contain precipitation from a 24-hour-long, 25-year storm, plus 10 percent of the aggregate volume of all containers or the entire volume of the largest container within the facility, whichever is greater.  8. Store bagged or boxed material on pallets. Protect bagged or boxed material from wind and rain during nonworking days and whenever precipitation is forecasted.  9. Provide sufficient separation between stored containers to allow for spill cleanup or emergency response access. Storage areas must be kept clean, well-organized, and equipped with cleanup supplies appropriate for the materials being stored.  10. Repair or replace perimeter controls, containment structures, covers, and liners as necessary. Inspect storage areas before and after precipitation and at least weekly during other times. |
| **CGP, Order IV.E Proper Operation 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. |