Stockpile Perimeter Control

Start Here

Determine stockpile location within landscape and construction activity, and length of service

- Stockpile be subjected to natural or mechanical forces of wind and cause off-site runoff conditions?
  - No
  - Yes

  Install appropriate perimeter control and Apply Rapid Stabilization Measures of HECP, plastic or geotextile

- Will the stockpile remain in place for 21 days or less after initial earthworks?
  - Yes
  - No

- Will the stockpile be created in multiple lifts?
  - Yes
  - No

- Will the stockpile be subjected to natural or mechanical forces of wind and cause off-site runoff conditions?
  - No
  - Yes

  Install movable combination of SuperDuty SF and SCL Compost Logs

- Is the stockpile composed of crushed bituminous or concrete materials (reclamations)?
  - No
  - Yes

  Install SDSF or aggregate Berm at 10 percent stockpile height or within Defined Sediment Trap

- Is the stockpile composed of sands, coarse aggregates, sandy topsoil?
  - Yes
  - No

- Is the stockpile composed of silts or clays?
  - No
  - Yes

  Stabilize stockpile within a permit or plan defined timeframe, and ....

- Is the stockpile composed of material not as above, but with the potential for erosion due to rainfall?
  - No
  - Yes

  Install flow bypass ramp, pipe, culvert or pump, isolation barrier, and...

Submit Site Management Plan and install customised perimeter defense and stabilization cover

Determine composition and potential angle of repose (footprint) of stockpile

- Will the stockpile contain hazardous, toxic or some other chemical pollutant?
  - No
  - Yes

  Apply and maintain plastic or other water and wind proof cover

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  - No
  - Yes

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  - Yes
  - No

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Determine storm water or public safety flow paths

- Could the stockpile placement affect traffic safety?
  - Yes
  - No

- Will the stockpile be within 200 LF of a public water course, lake, wetland?
  - Yes
  - No

- Utilize and combine Traffic Barrier with geotextile liner or SCL compost filter toe

- Will the stockpile be near a storm drain inlet?
  - Yes
  - No

- Install SDSF or other high performance perimeter barrier and redundant practice

- Will the stockpile be placed in a stormwater conveyance system (ditch, gutter line)?
  - Yes
  - No

- Installs composite filter/sediment barrier, SCL filter or other high performance perimeter barrier and redundant practice

Determine stockpile proposed height

- Is the stockpile less than 10 feet tall?
  - Yes
  - No

- Install Sandbag Barrier, MSSF, HISF, or SCL Compost

- Install material filter/sediment barrier 10 percent of stockpile height (1 to 2.5 ft), or SDSF

- Is the stockpile greater than 25 feet tall?
  - Yes
  - No

- Install geotextile wrapped riprap berm, wrapped soil berm, SDSF or place within sediment trap most with a depth of 10 percent of stockpile height

Decision Matrix Completed. Maintain functional performance of stockpile perimeter and stabilization BMPs. Upgrade based on field conditions.