

EC-15 SNOW MANAGEMENT



BMP Objectives

- Perimeter Control
- Slope Protection
- Borrow and Stockpiles
- Drainage Areas
- Sediment Trapping
- Stream Protection
- Temporary Stabilizing
- Permanent Stabilizing

Definition and Purpose

Snow management involves the location or relocation of snow by transporting, plowing, dozing, and/or blowing snow to locations where erosion and runoff impacts are less likely to occur during the melting process. This BMP can be used in conjunction with snow fences.

Appropriate Applications

This BMP is appropriate when construction projects extend through winter months and at locations (such as high mountain areas) where snow accumulation can be significant.

Limitations

This BMP may not be appropriate in areas with little snow accumulations and where access is limited.

Design Parameters

- Utilize snow blowers, snowplows, or other equipment to remove snow or move snow to less erosion-sensitive areas with proper drainage.
- Modify existing snowplow operations so snow is not piled in erosion-sensitive areas.
- Remove heavy snow accumulations from around temporary structures such as culverts to minimize ice jamming and structure failure during freeze-thaw cycles.
- Place snow in areas where soil/cover is temporary or permanently stabilized and snowmelt will have a less significant impact. Ensure appropriate controls are in place to handle snow-melt runoff.
- For projects with NPDES CGP coverage, account for snow management in the project SWPPP if the project will extend into or through winter months.

Maintenance and Inspection

- Conduct inspections as required by the NPDES permit or contract specifications.
- Remove or move snow as needed to reduce melt impacts.