

# SCHEDULING CONSIDERATIONS FOR CONSTRUCTION ACTIVITIES

## 8 Typical Construction Activities:

1

Construction access, entrance to site, areas designated for equipment parking

2

Sediment traps and barriers, basin traps, sediment fences, outlet protection

3

Runoff control diversions, perimeter dikes, water bars, outlet protection

4

Runoff conveyance systems, stabilize stream banks, storm drains, channels, inlet prot., slope drains

5

Land clearing/grading, site preparation (cutting, filling, grading, surface roughening)

6

Surface stabilization, temporary and permanent seeding, mulching, sodding, riprap

7

Building construction, buildings, utilities, paving

8

Landscaping & final stabilization, topsoiling, trees/shrubs, permanent seeding, mulching, sodding, riprap

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## Scheduling Considerations:

This is the FIRST land-disturbing activity. As soon as construction begins, stabilize any bare areas with gravel and temporary vegetation.



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## Scheduling Considerations:

After the construction site is accessed, install principal basins. Add more traps and barriers as needed during grading.



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## Scheduling Considerations:

Install key practices after installing principal sediment traps and before land grading. Install additional runoff control measures during grading.



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## Scheduling Considerations:

If necessary, stabilize stream banks as soon as possible, and install a principal runoff conveyance system with runoff control measures. Install the remainder of the systems after grading.



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## Scheduling Considerations:

Implement major clearing and grading after installing principal sediment and key runoff-control measures, and install additional control measures as grading continues. Clear borrow and disposal areas as needed, and mark trees and buffer areas for preservation.



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## Scheduling Considerations:

Apply temporary or permanent stabilizing measures immediately to any disturbed areas where work has been either completed or delayed.



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## Scheduling Considerations:

During construction, install any erosion and sedimentation control measures that are needed.





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## Scheduling Considerations:

This is the last construction phase. Stabilize all open areas, including borrow and spoil areas, and remove and stabilize all temporary control measures.



# Site Stabilization

**70% or more cover (minimum density**

- **Permanent vegetation**
- **Permanent non-erosive material**

**Bonus!! Lots are more saleable!!**



Which would  
you choose?



# Best Management Practices

- Best Management Practices (BMPs) are tools used to reduce or prevent water pollution.
  - Erosion Control BMPs are used to protect disturbed soils from being washed off by rainfall and/or runoff.
  - Sediment Control BMPs are used to trap sediment carried by runoff and keep it on the construction site.
  - Waste Management BMPs are good housekeeping practices to control trash, chemicals, and debris.

# Best Management Practices

- Waste Management BMPs:
  - Debris and trash control - use covered trash cans, bins, and/or roll-off boxes for disposing trash and debris.
  - Chemical management - follow proper material storage and spill cleanup procedures for chemicals used on construction sites.



# Best Management Practices

- Waste Management BMPs (continued):
  - Concrete washout - use designated facilities to capture wash water from concrete truck cleaning.



**Questions?**