

# DESIGN AND CONSTRUCTION PROCESS DEBRIS REMOVAL



# Required Construction Documents

- ▣ For each construction site the following documents will need to be provided:
  - ❖ General information and method of operation
  - ❖ Sequence of work
  - ❖ Site/Construction plan
  - ❖ Seeding and mulching plan

# General Information and Method of Operation

- ▣ Guidance for construction at each site as well as method of operation will generally include the following:
  - ❖ Clearing and snagging will take place only in stream channels and the adjacent stream banks damaged by this storm event
  - ❖ Methods for debris removal include: sawing, cabling, winching, lifting or dragging
  - ❖ No equipment will be allowed in the stream or on the stream bank unless approved by the appropriate local/state government authority– **NO bulldozer clearing will be allowed; Use bulldozers ONLY for creating access road, and helping with disposal.**



## General Information and Method of Operation (continued)

- ❖ Operate all equipment from top of bank or beyond
- ❖ Avoid wetlands
- ❖ Only remove tree stumps that are completely uprooted and unable to be placed in original position; all others will stay in place
- ❖ Snags are to remain in place unless there is a possibility of future damage to a nearby utility or property
- ❖ Do not remove pre-existing storm debris
- ❖ No debris will be disposed in a wetland or within the 100-year floodplain

# Sequence of Work

- ▣ Provide a sequence of work that will include:
  - ❖ Go over do's and don'ts with contractor prior to beginning work
  - ❖ Plan for phasing work to minimize erosion
  - ❖ Timing for installation of construction practices , rock exit pad, entrance culvert, etc
  - ❖ Erosion and Sediment Control Practices as required
  - ❖ Removal, storage and disposal of debris
  - ❖ Grading and reshaping of all disturbed areas
  - ❖ Seed and mulching

# Site/Construction Plan

- ▣ Site plan needs to include as a minimum:
  - ❖ Property Boundaries
  - ❖ Limits of clearing and snagging per contract agreement
  - ❖ Locations access routes
  - ❖ Access down to creek
  - ❖ Debris storage areas
  - ❖ Burn/bury areas
  - ❖ Utilities

# Seeding and Mulching

- ▣ Minimize ground disturbance as much as possible
- ▣ Phase work and seed and mulch with each phase
- ▣ Maintain grassed and mulch areas until vegetation is reestablished









YES, YES  
YES  
YES, YES  
YES