

### **Work schedule**

1. The contractor shall proceed with work during a period of September 1 through February 15<sup>th</sup>, ideally before a 5-10 day period of precipitation.

### **Soil Preparation**

1. Verify that all areas to receive erosion control treatments are free of vegetation, and other objectionable material.
2. Verify that grades are final for permanently treated areas and within reasonable standard for temporary treatments.
3. All sloped areas will be uniformly compacted

### **Hydroseeding**

#### **1. Seed Mix**

- a. Seed mix should consist of 40 bulk lbs/acre of the following mix:
- b. Seed should be sourced from a local native seed producer such as Hedgerow Farms or Pacific Coast Seed.

<b><u>Lbs./Ac</u></b>	<b><u>Species</u></b>
10.00	Bromus carinatus, California Brome
8.00	Elymus glaucus, Blue Wildrye
8.00	Hordeum californicum, California Barley
5.00	Festuca idahoensis, Idaho Fescue
5.00	Stipa pulchra, Purple Needlegrass
4.00	Poa secunda, Pine Bluegrass

#### **2. Standard Hydroseeding Mix**

- a. Seed Mix as Specified
- b. Wood or Paper Fiber Mulch @ 2,000 lbs/acre
- c. M-Binder @ 100 lbs/acre
- d. AM-120 Mycorrhizal inoculum @ 60 lbs/acre
- e. Organic Fertilizer 7-2-1 @ 1,000 lbs/acre

#### **3. Erosion Control**

- a. Slope flat to 4:1:
  - i. Standard Hydroseeding Slurry as above with or without any 1 of the following:
  - ii. Erosion Control Blanket—Temporary 10-month protection
  - iii. Bonded Fiber Matrix @ 2,500 lbs/acre
- b. Slope 3:1 to 2:1:
  - i. Standard Hydroseeding Slurry as above any 1 of the following:
  - ii. Wood Fiber Mulch @ 1,500 – 2,000 lbs/acre
  - iii. Erosion Control Blanket—Temporary 12-18 -month protection
  - iv. Flexible Growth Medium @ 3,500 lbs/acre
  - v. Bonded Fiber Matrix @ 3,000-3,500 lbs/acre

- c. Slope Steeper than 2:1 (too steep to walk up easily):
  - i. Standard Hydroseeding Slurry as above any 1 of the following:
  - ii. Wood Fiber Mulch @ 2,000 lbs/acre
  - iii. Erosion Control Blanket—Straw w/Coco blend or Coco Fiber, designed to last 18-36 months
  - iv. Flexible Growth Medium @ 3,500 lbs/acre
  - v. Bonded Fiber Matrix @ 3,500 lbs/acre

**Other Considerations:** If the client is applying very small seed (<5 mm), they may wish to discuss with the contractor the possibility of a two-step application process. This process includes the application of all of the seed at once with 25-30% of the mulch, binder and soil amendments, followed by (2) the application of the rest of the mulch, binder and soil amendments. This application method encourages seed-to-soil contact.

### **Drill Seeding**

#### **1. Seed Mix:**

- a. Seed mix should consist of 20 bulk lbs/acre of the following mix:

<b><u>Lbs./Ac.</u></b>	<b><u>Species</u></b>
7.00	Hordeum californicum, California Barley
4.00	Stipa pulchra, Purple Needlegrass
4.00	Stipa cernua, Nodding Needlegrass
3.00	Melica californica, California Melic
2.00	Poa secunda, Pine Bluegrass

- 2. Drill seed at the specified rate in one direction, then repeat in a perpendicular direction (to avoid the appearance of rows).
- 3. Optional: Blow straw @ 4000 lbs/acre