

## Items for Planners to Include in Materials Provided to Cascadia CD Archaeologists for Fire Recovery Projects

### The following information is required:

- Planners name and contact information
  
- Land owners name and contact information
  - Preferred method for contacting land owner provide that info (home phone, cell phone, text, early morning, evening, etc.)
  
- Funding source(s)...list them all (state and/or federal)  
This might be the place to talk about lead agencies
  - Name of grant(s)
  - CD Contract No
  - District Manager Contact Information
  
- Legal description of project location
  - Township, Range, and Section (it is best if the project area is described down to at least the ¼ section)
  - USGS Quadrangle name
  - If there is an associated street address that is helpful
  
- Detailed description of each proposed practice
  - Length, width, and depth of ground disturbance for each practice
  - Method that will be utilized to create ground disturbance
    - Hand tools (shovel, post hole digger, chainsaw, etc)
    - Mechanized tools (Power auger, excavator, etc.)
    - Access (paved road, two track road, farm field, pasture, native range)
    - Associated disturbance (brush clearing with fence line route, ground disturbance from use of tracked vehicle, etc)
  
- Maps
  - Map showing project location within state of Washington
  - Map showing project practices on USGS Topographic Quadrangle with scale set at 1:24,000 (it is helpful to have Section lines visible on map)
  - Map showing project practices on an Orthographic photo (does not need to be and is often preferable to have smaller scale so that practices are clearly defined)

**Maps** should be clear and include a legend or callouts for individual practices. It is important to have the topo map at the 1:24,000 scale (that is what DAHP and the tribes require for consultation).

It is always better to submit more maps than are needed-meaning we prefer to get a topo and ortho map showing the project practices at the 1:24,000 scale and a topo and ortho map showing a detailed (close up) view of the project practices.

Although DAHP and the tribes may only get some of the maps in the consultation packet it is helpful to have different scale views when planning (and doing) a survey.

**Descriptions will vary depending on the practice:**

**Fencing descriptions:** need length, width and depth of disturbance with additional information regarding depth and diameter of wooden corner posts, braces, and gate support posts. Also include a description of what method of transportation will be used to haul fencing supplies and whether or not fence construction will include brush removal. If rock jacks will be used, identify source of the rock.

**Pipeline descriptions:** need length, width and depth of disturbance and a description of how trench will be excavated. Also include a description of associated practices, i.e., will pipeline convey water from an existing or established water source or does project include installation of a new water source. Similarly, will pipeline supply water to an existing feature (trough/pivot) or does project include installation of livestock troughs or a new pivot, etc.

**Trough descriptions:** what size trough will be installed? How will trough be set/anchored? Will ground be leveled prior to trough installation? If so, how much ground disturbance will be required and what equipment will be used to accomplish task? Will fill or gravel be added to leveled area? If so, where will this material come from? Is it coming from a commercial source or is it coming from a non-commercial gravel source? If the source is not commercial, then that source must be included in the review process so provide a legal description and map of the source. If the source is not on property owned by the land owner we would need to know that so that we can clear our inspection of the source with the appropriate person.

**Riparian planting descriptions:** need length, width, and depth of disturbance and a description of tools that will be used to implement planting. It is also preferable to have the number of proposed plantings and plant size (root stock, willow stakes, one gallon pots, etc). If riparian planting is proposed along water body what is the proposed set back (normal high water mark, etc).

**Hardened water access points or hardened water crossing descriptions:** need length, width, and depth of disturbance and a description of tools that will be used to implement practice. Will any sloping or grading of existing slope be conducted? What materials will be used in creating the hardened feature? Geo-textile cloth, gravel, etc. Once again where will gravel originate from?

**For installation of large woody debris:** provide a detailed explanation of size, number, and proposed anchoring method. Will excavation be required to install LWD?

Once Mark and/or Kim get the project information listed above they will review it and if they need additional information will be in contact.

**For questions, please contact the Cascadia CD:**

Kim Lancaster, Archaeologist: 509.322.7126, [vikingwoman@hotmail.com](mailto:vikingwoman@hotmail.com)

Mark Amara, Archaeologist: [mark\\_amara@live.com](mailto:mark_amara@live.com)