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Environmental Health Division

SolanoCountyRecovers.org

Official website for the LNU Lightning Complex fire response and recovery.

Erosion Control

Erosion Control Best Management Practices

Once grading has been completed, best management practices shall be implemented to establish erosion control at the disturbed site.

- Follow best management erosion and sediment control practices to prevent ash, soil, and other pollutants from washing into the street, drainage courses and culverts, or onto neighboring properties.
- Stockpiled materials that are not immediately loaded for transport shall be handled and stored on site in such a manner as to avoid offsite migration. This may include wetting and covering the waste until it is loaded and transported. Locate stockpiles away from drainage courses, drain inlets or concentrated flows of storm water.
- Stockpiled material may not be stored or placed in a public right-of-way.
- During the project and in the rainy season, cover non-active soil stockpiles and contain them within temporary perimeter sediment barriers, such as berms, dikes, silt fences, or sandbag barriers. You may use a soil stabilization measure in lieu of cover.
- Implement appropriate erosion control measures during debris removal and provide final site stabilization after debris removal is completed.

Rain Ready

Be Ready for the 2020-2021 Season

- Best Management Practices (BMPs) are used to keep pollutants from entering storm drains and our natural waterbodies like creeks and rivers. There are many types of BMP materials and methods. BMPs must be properly installed and maintained in order to function and may need to be replaced prior to each rainy season, particularly after a wildfire has damaged vegetation and soils. Depending on your property, you may need technical advice from qualified personnel to customize the approach and installations at your property.

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Preparing for Winter After the Fire: What Property Owners Can Do

- You can help by taking simple steps by placing straw wattles, hay bales, and mulch around burned areas to reduce the chances of ashes and other material from washing into streams.
- Remember that everything that is outside drains to creeks and streams. Don't use leaf blowers or hoses to remove ash and debris.
- Get help from professionals who are certified, registered and/or licensed before selecting and installing large, permanent or semi-permanent treatment measures.
- Wear protective gear whenever you work in burned areas.
- IF YOUR PROPERTY IS IN A RURAL AREA OR ON A HILLSIDE watch for unusual movement of water, land, and debris during or after rain. Have an emergency plan and leave your property if it becomes unsafe during or after a storm.
- Minimize soil and slope disturbances. Ash, leaf drop, downed trees and remnant burned vegetation all play a role in protecting the soil and slopes following wildfire.
- Work with your neighbors. Runoff, erosion & debris flows have no boundaries.
- Private roads require more maintenance in the first few winters following wildfire. Clear debris upstream of culverts as possible, and check culverts for clogging after every storm. If culverts or other road drainage structures do not appear to be functioning properly, consult a professional.

Caltrans Best Management Practices

Caltrans Best Management Practices can be found here:

<https://dot.ca.gov/programs/design/lap-erosion-control-design/tool-1-lap-erosion-control-toolbox>

Solano Resource Conservation District Resources

Additional erosion control resources can be found here:

<https://solanocountyrecovers.org/>