PLACER COUNTY FIRE DEBRIS CLEAN UP AND REMOVAL REQUIREMENTS

Residents returning to fire damaged homes need to take safety precautions to protect themselves and their neighbors. Hazardous wastes as well as structural damage pose serious threats to health and safety. By following the requirements listed below, you will be taking the steps you need to protect yourself, your family and your neighbors. While this information may appear complex, a complete listing of contact is included at the end of this information. The County is available to assist you.

It is the property owner's responsibility as required by law, to perform appropriate debris removal and abatement and to bear the costs of same. A 'Debris Work Standards Acknowledge of Compliance' with the following standards must be completed and signed by each property owner or their agent. This should be submitted to Lisa Bloom at the Community Development and Resource Agency (CDRA) (3091 County Center Drive, Suite 100, Auburn, CA 95603) prior to completing cleanup work. Submittal of a departmental sign-off form validating site cleanup complies with the "Debris Work Standards" must be on file with the CDRA prior to the issuance of any building permits for rebuilding.

PERSONAL PROTECTION **COUNTY CONTACT: ENVIRONMENTAL HEALTH DIVISION**

While cleaning fire impacted property you may be exposed to potential health risks from hazardous materials. Contractors should consult with the California Division of Occupational Safety and Health Administration (Cal OSHA) for appropriate worker health and safety requirements.

Residents must adhere to the following requirements:

- Wear protective glasses or goggles to protect your eyes.
- Keep material/waste wet to prevent dust from becoming airborne.
- Use a well-fitted, NIOSH-certified air-purifying respirator (such as an N-95 or more protective respirator) to reduce the effects of dust and ash. These are available at hardware stores. Dust masks do not provide adequate protection.
- Wearing Tyvex suits is recommended. Minimally a long sleeved shirt and long pants are required to protect your skin.
- Wear leather gloves to protect hands from sharp objects while removing debris.
- Wear rubber gloves when working with plumbing fixtures, sewer piping, and chemicals.
- Wear boots with thick (lug) soles.

- Change your clothes prior to getting into a car to limit the transport of residual ash and exposure to yourself and others you come in contact with.
- Shower and clean yourself immediately after completing cleanup work.

ASH AND FIRE DEBRIS HANDLING COUNTY CONTACTS: ENVIRONMENTAL HEALTH DIVISION AIR POLLUTION CONTROL DISTRICT ENGINEERING AND SURVEYING DEPARTMENT

Ash and debris must be wetted to avoid dust becoming airborne. For questions concerning airborne ash and dust, contact the Placer County Air Pollution Control District at (530) 7452330. Do not wash ash or debris into the storm drains. Dirty water must be captured and filtered prior to leaving the site. Fiber rolls can be placed around the drains or drop inlets. During ash and debris handling and removal operations, the ash/debris must be wetted as necessary to minimize the release of airborne fine dust clouds. However, the addition of water for dust suppression must be carefully controlled to prevent the run-off of excess contaminated water/ash/debris mixture.

Soil needs to be removed to a depth of six (6) inches below grade under any structure. In addition, six (6) inches of below-grade soil must be removed at least three (3) feet beyond any structure's perimeter. Removal of soil on the remainder of the property needs to be adequate to remove surface ash. Ash and other debris removal from a structure's perimeter does not require a grading permit. If removal of more than ash and other debris is needed beyond the foundation area, you may need a grading permit. If you have a question on grading, please contact Ted Rel in Engineering and Surveying Department at (530) 745-7542 for assistance.

Do not put fire debris in routine normal garbage weekly pickups.

FIRE DEBRIS RECYCLING COUNTY CONTACTS: ENVIRONMENTAL HEALTH DIVISION FACILITY SERVICES DEPARTMENT

Separated materials prepared for recycling must be free of ash. These include materials such as metal, wood, vegetation, concrete, rock, brick, etc. These materials must be disposed if they are not free of ash. A wet wipe down or light hosing is required. Do not wash off into the road or storm drain. Dirty water must be captured and filtered prior to leaving the site. Fiber rolls can be placed around the drains or drop inlets. During ash and debris handling and removal operations, the ash/debris must be wetted as necessary to minimize the release of airborne fine dust clouds. However, the addition of water for dust suppression must be carefully controlled to prevent the run-off of excess contaminated water/ash/debris mixture.

Damaged vehicles must be securely wrapped in plastic or tarps prior to removal to contain dust and ash that is on the vehicle. All hazardous wastes (motor oil, gasoline, antifreeze, etc.) must be properly removed prior to recycling. Dispose of such wastes as hazardous.

Tires are accepted at the Western Placer Waste Management Authority Facilities (WPWMA) for a fee. Tires constitute a hazard for mosquito breeding. They must be dewatered or removed from the site.

Trees which present a public safety hazard must be removed immediately. Contact a Tree Service Company if you have questions about a tree's health. Vegetation can be wetted and taken to the WPWMA green waste facility for a reduced fee.

Concrete Slab**s** an**d** Raise**d** foundation**s**

Foundations will need to be removed in order to rebuild. Please refer the Building Department's "Fire Damaged Slabs/Foundations" memo. Certifications acceptable to the Chief Building Official by a structural engineer will be needed for consideration of reuse of an existing foundation. Other structures such as driveways, sidewalks, patios, etc. are also not expected to maintain their integrity after the fire. Private sidewalks can be removed by the property owner. The Public Works Department should be contacted for removal of public sidewalks. Public sidewalk removal should have either a no-fee encroachment permit or included in building permit application.

Prior to the winter rains the foundation and other concrete structures, and the surrounding three feet of soil around the foundation perimeter should be removed. If the concrete is not removed by October 15, it must be clean of ash and the surrounding perimeter soil removed. Removal of the concrete will need to meet the standard construction best management practices for air and erosion control (See following erosion control details).

FIRE DEBRI**S** TRANSPOR**T** **COUNTY CONTACTS: ENVIRONMENTAL HEALTH DIVISION AIR POLLUTION CONTROL DISTRICT CALIFORNIA HIGHWAY PATROL**

These are the options for transporting the fire debris:

- Contact Auburn Placer Disposal Service (APDS) at (530) 885-3735 to provide empty bins and transport the debris to the landfill. APDS is the exclusive franchised garbage collector for this area; other companies cannot charge a fee for the placement and hauling of debris bins.
- Hire a licensed contractor to remove the debris by truck and dispose at the landfill.
- Haul your own debris to the landfill.

All loads must be wetted down and covered with tarps before leaving the property.

Keep hazardous waste separate from other debris. See the instructions below concerning hazardous wastes.

FIRE DEBRIS DISPOSAL COUNTY CONTACT: FACILITY SERVICE DEPARTMENT

Fire debris will only be accepted at the sanitary landfill at the **Western Placer Waste Management Authority Facilities. No fire debris will be accepted at the Shale Ridge Transfer Station. Haul all hazardous and non hazardous fire debris directly to the WPWMA facility at:**

3195 Athens Avenue (corner of Athens Avenue and Fiddyment Road, Roseville)
Monday – Friday 7:00 a.m. – 5:00 p.m. and Weekends 8:00 a.m. – 5:00 p.m. (916) 543-3960

www.wpwma.com

When you arrive at the landfill, please advise the attendant that you are disposing fire debris so they can direct you to the appropriate disposal area and charge you the reduced disposal rate.

HAZARDOUS WASTES COUNTY CONTACT: ENVIRONMENTAL HEALTH DIVISION

Hazardous materials such as household cleaning products, paint, batteries, gasoline, contaminated fuel and damaged fuel containers need to be properly handled to avoid risk. During cleanup efforts, residents and workers should identify household hazardous waste (including electrical wastes) and segregate and manage them separately. Examples of household hazardous wastes include electronics, paints, automotive fluids, batteries, asbestos containing materials, mercury and compressed gas cylinders. Ensure hazardous materials are contained and do not allow any debris to enter storm drains or waterways. No additional drop off is allowed at the Shale Ridge Transfer Station. o For information on how to properly dispose of household hazardous waste please call: Western
Placer Waste Management Authority (916) 543-3960 o For information on how to clean up spilled hazardous materials please contact the Environmental Health Division at (530) 745-2300. If you have special needs.

A hazardous waste contractor reviewed all of the properties by September 9 and has removed accessible hazardous waste and asbestos. Four sites were fenced or had hazardous walls remaining, the contractor did not access those sites. Contact the Environmental Health Division at (530) 745-2300 prior to conducting any work on your site to assure your site was assessed for hazardous waste and asbestos.

OTHER COUNTY CONTACT: ANIMAL SERVICES

Sadly some animals perished in the fire. If you would like help to remove their remains, Animal Services is available to assist. Please contact Michael Winters at (530) 886-5537. The Officers can pick up from the site or they can be taken to the Animal Shelter. They will handle the animal(s) without cost and can offer cremation services.

UTILITIES

Underground Services Alert Notification
COUNTY CONTACT: PUBLIC WORKS DEPARTMENT

To protect yourself, notify Underground Services Alert (USA) at least 48 hours prior to any excavation to locate underground utilities.

Sewer COUNTY CONTACT: BUILDING DEPARTMENT
For properties connected to public sewer, disconnect the building sewer or STEP system effluent piping fifteen (15) feet from the back of curb (or edge of pavement if no curb exists). For properties on septic, disconnect the building sewer piping entering the septic tank a minimum of two (2) feet from the structure's foundational system. Mark the septic tank to stop equipment from driving over it.

Properly cap/terminate the piping. A rebar hook painted green shall be placed at the termination point and marked. Inspect cleanouts for damage and ensure that cleanout caps are tightly secured. Protect cleanouts from damage during cleanup and construction activities. The applicant or contractor shall request an inspection of the sewer service prior to connecting to the new structure. The inspection shall be done by the Building Department and any repairs needed shall be the responsibility of the applicant or contractor.

Water Supply **COUNTY CONTACT: BUILDING DEPARTMENT**

Contact the Nevada Irrigation District at (530) 273-6185 about your water supply. Disconnect the water supply piping a minimum of two (2) feet from the structures' foundation. Properly cap/terminate the piping. Any water meters should be turned off. A stake or similar indicator shall be placed at the termination point and marked appropriately. When water is turned back on at the gate value leaks should be checked and

repaired or cut off and capped. The water is metered and property owners continue to be responsible for payment of the water used. Back flow protection devices must be installed on all water supplies.

Power and Gas COUNTY CONTACT: BUILDING DEPARTMENT

Pacific Gas & Electric (PG&E) will disconnect and terminate the power source before the private service line or connection point. PGE will disconnect and terminate the gas supply prior to the private service line or connection point, but no less than two (2) feet from the structures' foundation.

Roads COUNTY CONTACT: PUBLIC WORKS DEPARTMENT

Roadway, sidewalk, gutter, signage, street lighting and storm drain protection: These features must be protected from damage during drop off and pick up of waste bins, management of debris, and generally during all phases of clean-up and re-construction. Owners will be liable for any damage to public facilities caused by their operations, including work performed by volunteers and contractors.

Access preservation: Access for vehicles, bicycles, and pedestrians shall be maintained along every public roadway, unless otherwise approved in advance by the Department of Public Works (contact 530-745-7581). Ensure that adequate access is provided to all areas for emergency vehicles, residents/owners, and workers performing clean-up activities and reconstruction. Do not block driveways of neighboring properties. Park vehicles and place equipment/materials in areas that do not block or impede access. Workers should be directed to park in areas that will not interfere with accessibility or public safety; offsite locations may be best.

STORMWATER COUNTY CONTACT: PUBLIC WORKS DEPARTMENT

Site Clean Up/Demo

Ensure debris does not leave the property or enter a waterway or storm drainage system. Protective measures include:

- Dirty water must be captured and filtered prior to leaving the site. Fiber rolls can be placed around the drains or drop inlets. These are available at building supply stores.
- Daily street sweeping is required. Never wash debris/sediment into the street or gutter.
- Apply dust control measures. Cover any hazardous waste and/or debris piles prior to any rainfall.
- All bare soil areas need to be properly winterized to prevent erosion through the rainy season.

Site stabilization can be obtained by:

- Seed the site to encourage re-vegetation once debris has been removed. Once seeded, cover the site with a 2-inch depth of mulch or straw to prevent erosion and to help with seed germination.
- Use erosion control blankets on steep slopes.
- Use fiber rolls or other perimeter controls to contain any sediment on site. Typical placement of fiber rolls are at the toe of the slope and behind curbs and walkways.
- Maintain site stabilization throughout the rainy season. Check on condition after each storm to ensure no sediment loss and make changes or repairs as necessary.

Rebuilding

When rebuilding at your site, the homeowner has the responsibility to ensure the contractor follows water quality protection requirements such as:

- Suitable measures should be in place to ensure there is no mud, debris, or trash on the adjacent roads. Measures can include stabilized construction entrance, daily street sweeping, etc. Erosion controls (mulching, blankets, etc.) and perimeter controls (wattles, silt fences, etc.) are on site, properly installed and maintained
- Construction materials are properly stored (covered when not in use, out of the right-of-way, secondary containment if needed, spoils disposed of properly, etc.)
- Effective dust control measures are being applied.
- A cement/stucco washout containment area is provided and used.
- Dumpsters are covered, cleaned-up and emptied regularly.
- Portable toilets are out of the street and away from drainage paths, so that liquid cannot enter the storm drain system if the toilets are knocked over.

For more information call the Stormwater Quality Division of the Placer County Department of Public Works at (530) 745-7500 or visit http://www.placer.ca.gov/departments/works/strmwtr.aspx

GENERAL WORKING CONDITIONS
COUNTY CONTACT: BUILDING DEPARTMENT

Time of Work: Work hours are between 7:00 AM to 5: 00 PM Monday through Saturday.

Dust Control: Water must be provided to prevent dust hazard and/or nuisance at each site. Storm drains must be protected and all water runoff maintained on site. Street sweeping should be completed daily.

Bins: Placements and numbers of bins in dense areas must be controlled to allow adequate access for emergency vehicles.

Waste/Debris Load Controls: All waste must be properly documented for inclusion in the work standards acknowledgement. All debris must be transported and disposed of properly.

Traffic Control: Undertake all safety precautions as necessary (i.e. safety cones, flag personnel, etc.)

Traffic control must be applied as necessary to ensure the safety of all vehicles, bicycles, and pedestrians during all phases of work. All work zone traffic control operations on public streets require advance approval of the Department of Public Works; contact (530)745-7581.

Equipment Controls**:** All removal equipment must meet local, state and/or federal regulations. Caution must be taken when working in residential areas as the local roads are generally not designed for overweight loads.

Contractors: Contractors are responsible to ensure all required worker health and safety precautions are in place to protect employees and the public.

DOCUMENTATION REQUIREMENT**S**
COUNTY CONTACT: BUILDING DEPARTMENT

An acknowledgement of adherence to these requirements will need to be signed and on file prior to issuance of a building permit. Documentation of the waste material types, quantities and ultimate disposal is required.

CONTACT LIST

AIR POLLUTION CONTROL DISTRICT: (530) 745-2330 ANIMAL SERVICES: (530) 886-5537, Michael Winters AUBURN PLACER DISPOSAL SERVICE: (530) 885-3735 BUILDING DEPARTMENT: (530) 745-3010 CALIFORNIA HIGHWAY PATROL: (916) 663-3344 ENGINEERING AND SURVEYING DEPARTMENT: (530) 745-7542, Ted Rel ENVIRONMENTAL HEALTH DIVISION: (530) 745-2300 FACILITY SERVICES DEPARTMENT: (530) 886-4900 NEVADA IRRIGATION DISTRICT: (530) 273-6185 PUBLIC WORKS DEPARTMENT: (530) 889-7581

For any inspections call (530) 745-3000

COUNTY OF PLACER
Community Development/Resource Agency

Michael J. Johnson, AICP
Agency Director

BUILDING

Bob Martino, CBO
Chief Building Official

MEMORANDUM

DATE: September 9, 2009

TO: Public Distribution

FROM: Bob Martino, Chief Building Official

SUBJECT: Fire Damaged Slabs/Foundations

The following procedures are effective regarding the existing slabs/foundations and the in-slab/under-slab utilities damaged by the recent 49 Fire.

Since it is extremely difficult, and highly impractical to fully evaluate the integrity of the existing fire-damage slabs/foundations and the in-slab/under-slab utilities subjected to intense heat for unknown durations, and to confirm their suitability to support a new rebuilt structure for its anticipated life, the existing fire-damaged slabs/foundations and the in-slab/under-slab utilities shall be removed prior to rebuilding.

However, as an alternate, the Placer County Building Department will review damage assessment reports, proposals for testing, and the associated test reports to confirm the suitability of the subject elements to support a new rebuilt structure under the following conditions:

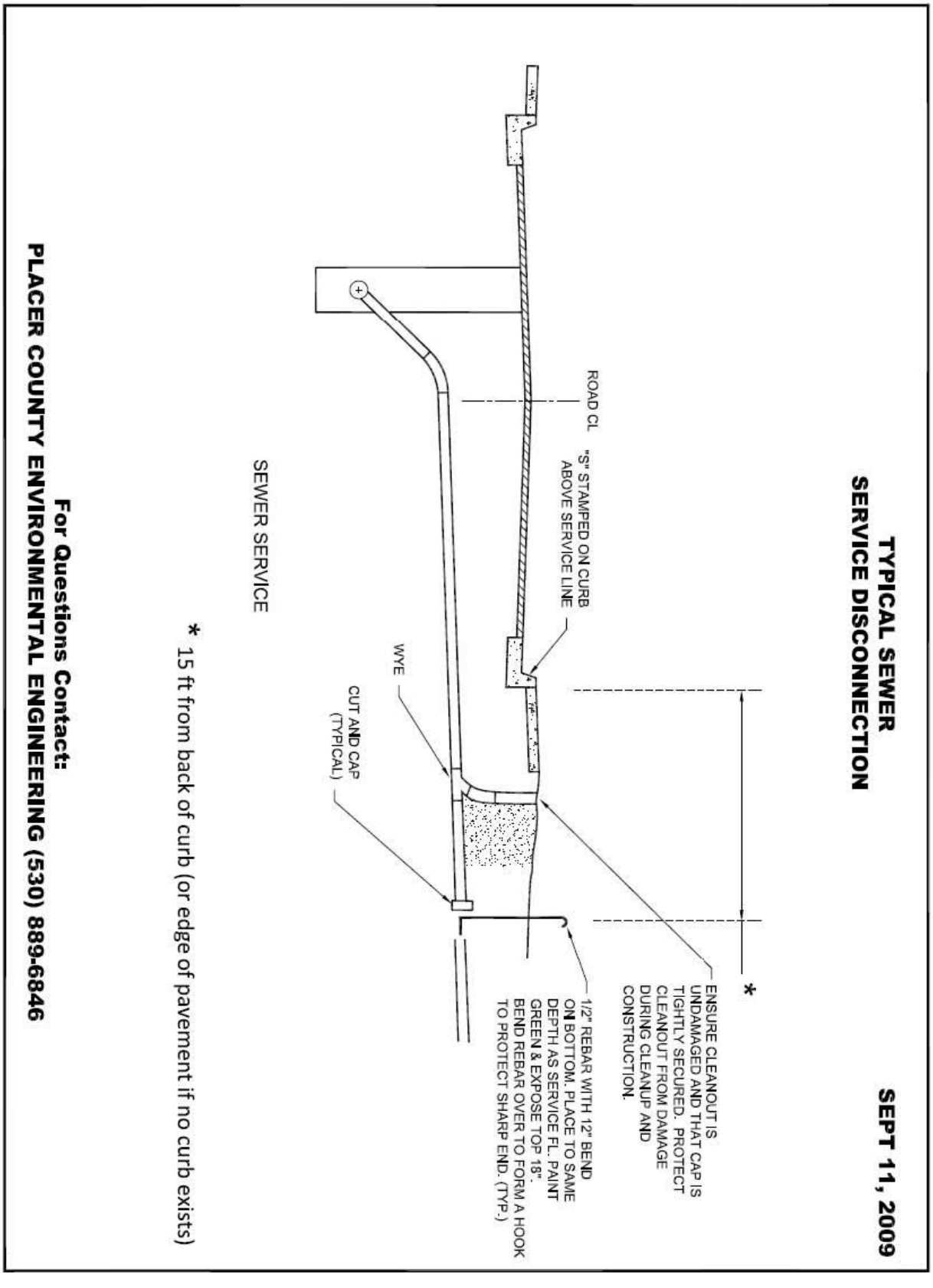
- Damage assessment reports, proposals for testing, and test reports shall be site-specific and be prepared by a licensed Civil or Structural engineer.

- Damage assessment reports shall adequately address the effects of intense heat on the slab/foundation concrete, reinforcing steel, in-slab/under-slab utilities, and the under slab moisture barrier.

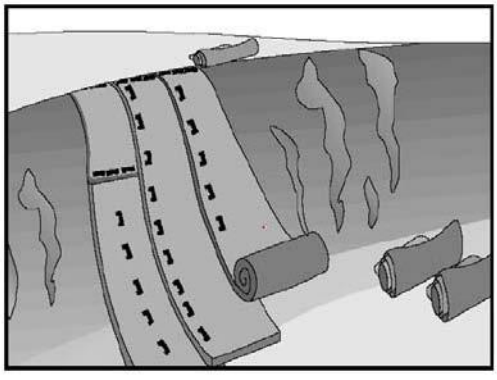
- Proposals for testing shall include a complete testing program and provide detailed information about the test procedure used, test equipment, instruments, etc. It shall provide detailed acceptance/failure criteria and address the consequences of failure upon initial testing. Retesting of any failed components will not be granted. Testing agencies/firms shall be identified in the proposals for testing.

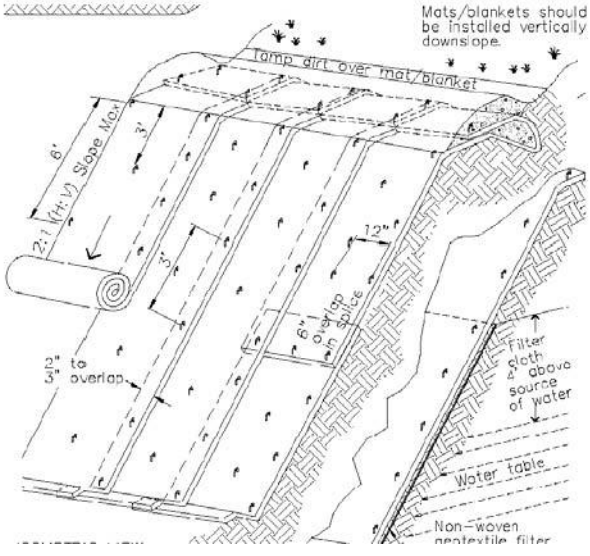
3091 County Center Dr. Ste 160 / Auburn, California 95603 / (530) 745-3010 / Fax (530) 745-3058
Internet Address: http://www.placer.ca.gov / email: bmartino@placer.ca.gov

SEWER DISCONNECTION



Geotextiles and Mats

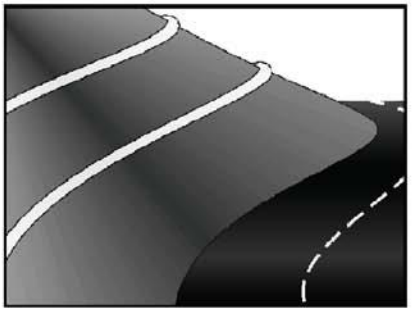


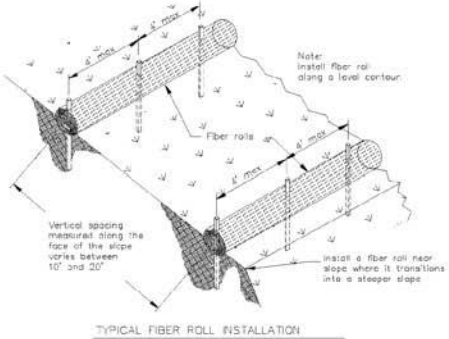


Description and Purpose

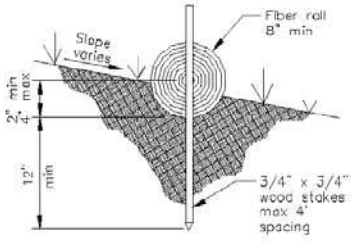
Mattings of natural materials are used to cover the soil surface to reduce erosion from rainfall impact, hold soil in place, and absorb and hold moisture near the soil surface. Additionally, matting may be used to stabilize soils until vegetation is established.

Fiber Rolls





TYPICAL FIBER ROLL INSTALLATION
N.T.S.



ENTRENCHMENT DETAIL
N.T.S.

Description and Purpose

A fiber roll consists of straw, flax, or other similar materials bound into a tight tubular roll. When fiber rolls are placed at the toe and on the face of slopes, they intercept runoff, reduce its flow velocity, release the runoff as sheet flow, and provide removal of sediment from the runoff. By interrupting the length of a slope, fiber rolls can also reduce erosion.

Protect Your Lungs from Wildfire Smoke

N95 particulate respirators WILL protect your lungs from wildfire smoke. Straps must go above and below the ears.

A one-strap paper mask will NOT protect your lungs from wildfire smoke.

A surgical mask will NOT protect your lungs from wildfire smoke.

Wildfire smoke can irritate your eyes, nose, throat and lungs. It can make you cough and wheeze, and can make it hard to breathe. If you have asthma or another lung disease, or heart disease, inhaling wildfire smoke can be especially harmful.

Staying indoors and reducing physical activity are the best ways to protect your lungs from wildfire smoke. Wearing a special mask called a "**particulate respirator**" can also help protect your lungs from wildfire smoke.

How to Choose the Correct Mask to Protect Your Lungs

- Choose a mask called a "**particulate respirator**" that has the word "**NIOSH**" and either "**N95**" or "**P100**" printed on it. These are sold at many hardware and home repair stores and pharmacies.
- Choose a mask that has **two straps** that go around your head. **DO NOT** choose a mask with only one strap or with straps that just hook over the ears.
- Choose a size that will fit over your nose and under your chin. It should seal tightly to your face. These masks do not come in sizes that fit young children.
- Do not use bandanas (wet or dry), paper or surgical masks, or tissues held over the mouth and nose. These will not protect your lungs from wildfire smoke.

How to Use a Mask

- Place the mask over your nose and under your chin, with one strap placed below the ears and one strap above.
- Pinch the metal part of the mask tightly over the top of your nose.
- The mask fits best on clean shaven skin.
- Throw out your mask when it gets harder to breathe through, or if the inside gets dirty. Use a new mask each day if you can.
- It is harder to breathe through a mask, so take breaks often if you work outside.
- If you feel dizzy or nauseated, go to a less smoky area, take off your mask and get medical help.
- If you have a heart or lung problem, ask your doctor before using a mask.

For more information about protecting yourself from wildfire smoke, call your local health department.