Soriano Area

September 24, 2008

TO: Rod H. Kubomoto
Water Resources Division

THANKS Rod 9/25

FROM: Patricia Wood
YC FOR Facilities Section

LOST FIRE
BURNED AREA REPORT
FILE NO. 2-11.40

Recommendations

1. By copy of this report, notify Flood Maintenance Division (FMD) that potential mudflow may impact Malibu and Davids Debris Retention Inlets (DRI), catch basins and a storm drain along Agoura Road. During storms, FMD needs to closely monitor these facilities and clean them as necessary to keep them operating efficiently. The monitoring should continue for the next four to five years until the watershed has significantly recovered from the burn.

2. By copy of this report, inform Road Maintenance Division (RMD) that potential mudflow from the burned watershed may impact County maintained Agoura Road. During storms, RMD needs to closely monitor Agoura Road and the parkway culverts for possible sediment deposition on road and plugging of culverts and clean them as necessary. The monitoring should continue for the next four to five years until the watershed has significantly recovered from the burn.

3. By copy of this report, notify the City of Calabasas that the inlets along Peacock Ridge Road inside the Calabasas View gated community may be impacted by mudflow during heavy storms. The inlets need to be cleared of vegetation and routinely monitored during storms.

Background

Fire Name:	Lost Fire
Date of Fire:	August 26, 2008
Burned Area:	118 acres
Location:	Between Las Virgenes Road and Liberty Canyon Road, south of Agoura Road in the City of Calabasas. Refer to Thomas Guide Page 588-F1/558-F7. The burned area boundary is plotted on Attachment A.

Discussion

On September 11, 2008, Water Resources Division (WRD) staff conducted a field reconnaissance of the burned area to identify Public Works facilities and residences that may be impacted by mudflow during heavy rainfall events. The burned watershed is located in Debris Production Area 6. Four subareas were identified as potential contributors to mudflow impact on County facilities and residences (see attached map).

Subarea 1 has an area of 1.3 acres and is 100 percent burned. During a heavy storm, an estimated 100 cubic yards of debris may be produced. Runoff and debris from the subarea is expected to flow into a private inlet located on the southwest corner of the parking lot of an office building at 27200 Agoura Road. WRD staff met with the building manager, Asheley Mastronardi, at the site and advised her of the potential mudflow overtopping the existing inlet and depositing in the parking lot during heavy rainfall. Ms. Mastronardi was mailed a Post-Burn Mudflow Protective Advice package outlining temporary measures to increase the inlet storage capacity in order to lessen possible sediment overflow onto the parking lot.

Subarea 2 has an area of 8.2 acres and is 39 percent burned. During a major storm, an estimated 400 cubic yards of debris (adjusted sediment production due to burn) may be produced. Sediment flow from the burned canyon will reach a DRI (Davids DRI #1). FMD should closely monitor the inlet during heavy rainfall. One residence at 3923 Davids Road is abutting a portion of this subarea and may experience minor mudflow in the backyard. A Post-Burn Mudflow Protective Advice package was mailed to the owner resident.

Subarea 3 has an area of 11.6 acres and is 100 percent burned. During a major storm, an estimated 900 cubic yards of debris may be produced. Sediment flow from the burned canyon will reach another DRI (Davids DRI #2). FMD should closely monitor this DRI during heavy storms. Two residences at 3928 and 3929 Davids Road are abutting this subarea and may experience minor mudflow in their backyards. Post-Burn Mudflow Protective Advice packages were mailed to the owner residents.

Subarea 4 has an area of 18 acres and is 100 percent burned. During a major storm, an estimated 1,400 cubic yards of debris may be produced. Sediment flow from the burned canyon will reach Malibu debris retention inlet. FMD should closely monitor the inlet during heavy rainfall and clean it as necessary.

The hillside along Peacock Ridge Road of a gated community in the City of Calabasas was partially burned. Two privately maintained inlets within the community may potentially experience mudflow impact. WRD staff informed Gordon Isachsen, who is a member of the community's homeowners association board, of the potential mudflow impact on the inlets and recommended to him to clear the excess vegetation around the inlets to enhance the effectiveness of the inlets.

The approved Burned Area Report will be posted on the Internet at http://www.ladpw.org/WRD/FIRE/.

If you have any questions regarding this fire report, please contact Youssef Chebabi at 458-6154 or Arevik Vardanyan at 458-6115.

A.V. YC AV:vt
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Attach.

cc: Disaster Services (Dai Bui)
Flood Maintenance (West)
Road Maintenance (MD-3)
Water Resources (Walden, Wood, Soriano, Chebabi, Files)