February 21, 2007

TO: Rod H. Kubomoto

FROM: Patricia Wood
Facilities Section

MALIBU FIRE
BURNED AREA REPORT
FILE NO. 2-11.40

Recommendations

1. Authorize us to send a copy of the Burned Area Report to the City of Malibu providing confirmation to the potential impacts to its facility.

2. Notify Flood Maintenance Division that it should monitor the inlets to MTD-T622 during storms in the next five storm seasons and clean them as necessary.

Background

Fire Name:	Malibu Fire
Date of Fire:	January 8, 2007
Burned Area:	29 acres
Location:	South of the Pepperdine University in the Malibu Bluff State Park in the City of Malibu. Refer to Thomas Guide Page 628-H7 (2003 Edition). The burned area boundary is plotted on Attachment A.

Summary of Potential Sediment Impact

On January 31, 2007, Water Resources Division staff, accompanied by the City of Malibu's Deputy Engineer, Claudio Sanchez, conducted a field reconnaissance of the burned area looking for residences and/or County facilities that could be potentially impacted by flooding/debris flows during storms. During a design storm event (50-year frequency), sediment flow from the burned area will flow directly from the hillsides into the low lying regions of the canyons affecting Public Works' maintained inlets to Miscellaneous Transfer Drain (MTD-T622) at Malibu Road (see Attachment A). We observed the inlets are currently completely clear of debris deposition. The inlets, including Line 26 (which has a trashrack and a concrete swale approach), may plug during storms. If the inlets become plugged, the debris material would spill over onto Malibu Road causing sediment deposition on the road and potential impact to two residences on the south side of the street below the inlet at Line 26.

Mrs. : at _ - . Malibu Road was given a written mudflow engineering advice form on measures to protect the property. The owner at : Malibu Road was informed of the potential impact to the residence but refused to accept the mudflow protective advice form written for the property.

Flood Maintenance Division has been apprised of the burn and advised to monitor the inlets to MTD-T622 below the burn during storms and clean them as necessary.

Mudflow Phase Maps

The phase maps (Phase I, Phase II, and Phase III) for the fire are found in Attachment B. These maps and the approved Burned Area Report can be accessed through the Internet at http://www.ladpw.org/WRD/FIRE/. The posting of the phase maps on the Internet would allow the impacted divisions and emergency response agencies to view the maps on the Internet. Debris and mudflow forecast phase level alerts will be posted on the Internet prior to each significant storm event throughout the storm season. The phase maps identify the critical locations and magnitudes of potential mudflow impacts below the burned area. Generally, these maps are prepared when potential mudflows pose a major threat to homes, roadways, flood control facilities, or other public infrastructure.

If you have any questions regarding this fire report, please contact Arevik Vardanyan at 458-6115 or Loreto Soriano at 458-6145.

A.V.

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Attach.

cc: Disaster Services (Dai Bui)
Flood Maintenance (South Area)
Water Resources (Walden, Soriano, Files)

ATTACHMENT A

MALIBU FIRE BURNED AREA MAP

MALIBU FIRE MUDFLOW PHASE MAPS

PHASE I
PHASE II
PHASE III