

Approved \_\_\_\_\_  
Adam Ariki

November 9, 2020

TO: Adam Ariki

FROM: Ken Zimmer *Kenneth A Zimmer*  
Postfire Engineering and Drainage Needs Programs

## **TUJUNGA FIRE BURNED AREA BRIEF**

The Tujunga Fire started on July 31, 2020, and was contained on August 1, 2020. The fire burned 25 acres on the hillside near the intersection of Big Tujunga Canyon Road and Oro Vista Avenue in the Sunland area, within the City of Los Angeles. This brief focuses on potential mudflow impacts to County Flood Control facilities and residents within and below the burn areas. There are no Public Works maintained facilities that could be impacted by storm produced debris flows from the burned watershed.

### Summary of Potential Sediment Impact

The Tujunga Fire location was in Debris Production Area 7. During a design debris event (50-year frequency storm), debris flow from the burned hillsides may impact properties along Ellenbogen Street and possibly cause flooding and sediment deposition on McVine Avenue.

Detailed descriptions of potential sediment impacts are discussed in Attachment A.

### Attachments/Links

All the attachments can be found on the internet at <http://www.pw.lacounty.gov/wrd/fire>.

Attachment A – Description of Burn and Potential Sediment Impact

Attachment B – History Map

Postfire Debris Flow Hazards Map:

[https://apps.gis.lacounty.gov/dpw/m/index.html?viewer=Post-Fire\\_Debris\\_Flow\\_Hazards\\_Map](https://apps.gis.lacounty.gov/dpw/m/index.html?viewer=Post-Fire_Debris_Flow_Hazards_Map)

### Postfire Debris Flow Hazards Map

The postfire debris flow hazards map (Phases 1, 2, and 3) identifies the critical locations of potential debris flow impacts below the burned area for various storm magnitudes. This map is prepared when potential debris flows would pose a significant impact to homes, County buildings, roadways, flood control facilities, or other public infrastructure. Stormwater Engineering Division (SWED) will post debris flow potential forecasts through the County's eNotify System and on the internet for each forecasted significant storm event throughout this storm season and the four subsequent storm seasons.

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### Coordination

Stormwater Engineering Division's staff conducted a field reconnaissance of the burned area to verify the fire boundary. SWED, in coordination with the City, reviewed and surveyed potential impacts to County facilities and residences below burned canyons and hillsides. SWED investigated 13 properties and provided advice to a total of five residents, which two were written and three were verbal.

If you have any questions regarding this report, please contact Michael Miranda at Extension 6164.

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Attach.

cc: Disaster Services (Ezell)  
Stormwater Engineering (Miranda, Zimmer)