

## ATTACHMENT A

### BOBCAT FIRE DESCRIPTION OF BURN AND POTENTIAL SEDIMENT IMPACT

Fire Name: Bobcat Fire  
Date of Fire: September 6 to December 18, 2020  
Burned Area: 115,746 acres  
Location: Angeles National Forest, including the north face within unincorporated Los Angeles County (County) from west to east starting with Juniper Hills, Devil's Punchbowl, Valyermo, Big Rock Creek, and Llano. The south face starting from west to east from the Cities of Sierra Madre, Arcadia, Monrovia, Bradbury, and Duarte.

#### Vegetation Types before Burn

California chaparral, oak woodlands, douglas-fir, coulter pine, and California walnut.

#### Fire History

There have been many fires that have burned within the perimeter of the Bobcat Fire, the recent notable fires being the Station, Fish, and Reservoir Fires in 2009 and 2016. Fires older than 2009 are not shown on the Bobcat Fire History Map.

#### Summary of Potential Postfire Debris Flow Impacts

The Bobcat Fire burned area is divided into 26 subareas located in Debris Production Area zones 1, 3, 5, 8, and 9. The debris production volumes noted in the Postfire Debris Flow Hazards Map are those resulting from a moderate to severe storm event. Parts of Ridgeside Drive, Oakglade Drive, 104 Street East, 106 Street East, 121 Street East, Pine Shadows, Cima Mesa, Maypath, Juniper Hills, Piute, Tumbleweed, and Cruthers Creek Roads, Big Pines Highway, and Big Rock Creek Road may be inaccessible due to flooding and sediment deposition during storm events.

Santa Anita, Oakglade, and Sawpit Debris Basins, maintained by Los Angeles County Public Works' Stormwater Maintenance Division, could be impacted during significant storms. A five by five-foot inlet serving an unnamed burned canyon immediately below Oakglade Debris Basin is also at high risk from plugging with debris and could also be impacted during storms.

#### Evacuations

Evacuation of 60 potentially impacted properties in the area was under the purview of the City of Monrovia Fire Department, Los Angeles County Sheriff's Department, and Los Angeles County Fire Department, otherwise referred to as Unified Command.

## Engineering Advice

Public Works reviewed and surveyed potential impacts to 173 residences below the burned canyons and hillsides of the Juniper Hills/Valyermo area of unincorporated Los Angeles County and the City of Monrovia. Postburn mudflow engineering advice was provided to 65 residents: 11 written advice and 54 verbal advice.

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