

ATTACHMENT A

AGUA FIRE DESCRIPTION OF BURN AND POTENTIAL SEDIMENT IMPACT

Fire Name: Agua Fire
Date of Fire: July 25, 2023
Burned Area: 421 Acres
Location: The hillside south of the 14 Freeway near Agua Dulce Canyon Road and Soledad Canyon Road mostly within the Angeles National Forest, and smaller portion of the Los Angeles County Unincorporated Area west of Acton.

Fire History

Public Works' fire history records indicate that several fires have burned that included the perimeter of the Agua Fire. The latest significant fire was the 41,432 acres Sand Fire in 2016 which included 260 acres burned in the Agua Fire. The 163 acres of Soledad Fire in 1997 includes 90 acres burned in the Agua Fire. Recent fire history records are shown on our Agua Fire History Map (Attachment B). For historical fire records beyond 26 years, please contact Stormwater Engineering Division (SWED) at (626) 458-6164.

Summary of Potential Postfire Debris Flow Impacts

The Agua Fire burn area is in Debris Production Area Zone 5. The debris production volumes noted in the Postfire Debris Flow Hazards Map are those resulting from a moderate to severe storm event. Due to flooding and sediment deposition during storm events, Soledad Canyon Road may experience limited access due to debris inundation and the Cal Lake RV Resort (CLRR) may experience direct mud flow impacts and access issues.

During moderate to severe storms, debris from the burned subarea may potentially plug the existing culvert under Soledad Canyon Road at Mile Marker 14.58. The area behind the culvert headwall may not have adequate capacity to retain the sediment deposition produced by the tributary area. As a result, flooding and sediment deposition may occur on Soledad Canyon Road and continue to inundate the Soledad Canyon streambed where CLRR is located.

As an added convenience, pdf copies of this Agua Fire Burned Area Map (Attachment C) and Debris Flow Hazard Map (Attachment D) are available at: <http://www.pw.lacounty.gov/wrd/fire>

Evacuations

Evacuation of tenants and visitors at the CLRR are under the purview of the owners and their management.

Engineering Advice

The commercial Recreation Vehicle Resort, CLRR and its management were informed in person about potential direct impacts to their resort facilities and safety of their tenants. Stormwater Engineering Division's staff will include a protective advice letter to the tenants of CLRR.

P:\wrd\POSTFIRE DRAINAGE\FIRE\2023 Fires\Agua Fire\Agua Fire BAR\Attachment A - Description of Burn and Potential Sediment Impact.docx