

August 30, 2011

Approved 
Christopher Stone

TO: Christopher Stone
FROM: Patricia Wood *P.W.*
Facilities Section
Water Resources Division

**AGUA DULCE FIRE
BURNED AREA REPORT**

Recommendation

No further action by Public Works is necessary

Background

Fire Name: Agua Dulce Fire
Date of Fire: July 9, 2011
Burned Area: 28 Acres
Location: The fire occurred in the area just south of the Antelope Valley Freeway at the Agua Dulce Canyon Road exit.
Refer to Attachment A (Thomas Guide Page 4463–E3)

Fire History

The Agua Dulce Fire Burned Area has never been burned previously

Summary of Potential Sediment Impact

On July 20, 2011, Water Resources Division (WRD) staff conducted a field reconnaissance of the burned area to determine if residential properties and/or Public Works maintained facilities could be potentially impacted by the flooding/debris flows during storms. The burned area is divided into two subarea watersheds across one Debris Production Area Zone 8. Vegetation of the watershed prior to the burn was desert chaparrals

Subarea 1 – Agua Dulce Canyon

Subarea 1 consists of a total of 31 acres and was 63 percent burned creating an adjusted debris potential (50-year frequency rainfall) of 1,400 cubic yards (cy) During moderate to severe storm events, mudflow and debris material from the burned slopes may potentially flow down and settle along the streambed Residents living adjacent to Agua Dulce Wash and whose access driveway cross the streambed may be impacted

Christopher Stone
August 30, 2011
Page 2

by heavy winter storms. On July 27, 2011, WRD staff mailed engineering advice and information packets to property owners whose driveway may be blocked by mud and debris flows. As of August 29, staff has not received any requests for engineering advice.

Subarea 2 – Escondido Canyon

Subarea 2 consists of a total of 25 acres and was 24 percent burned creating an adjusted debris potential (50-year frequency rainfall) of 900 cy. During moderate to severe storm events, mudflow and debris material from the burned slopes may flow down onto a private driveway, causing flooding and sediment deposition along the roadway potentially blocking access to residents. On July 27, 2011, WRD staff mailed engineering advice and information packets to property owners whose driveway may be blocked by mud and debris flows. As of August 29, staff has not received any requests for engineering advice.

No Public Works maintained facilities were impacted by this fire.

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

 SC:vt

P:\wrd\FACILITIES\FIRES\2011 Fires\Agua Dulce Fire\AGUA DULCE FIRE BAR.docx

Attach.