



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Flood Control
Department No.: 054
For Agenda Of: 01/11/11
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Directors, Flood Control and Water Conservation District

FROM: Department Scott D. McGolpin, Public Works Director, 568-3010
Director(s)
Contact Info: Jonathan S. Frye, Interim Deputy Public Works Director, 568-3444

SUBJECT: “Santa Barbara County Hydrology Report” for 2009-10

County Counsel Concurrence

As to form: No

Other Concurrence: N/A

As to form: No

Recommended Actions:

Receive and file the attached “Santa Barbara County Hydrology Report” for 2009-10 and authorize distribution of the report for County and public information.

Summary Text:

The Santa Barbara County Hydrology Report for 2009-10, dated October 2010, includes documentation and analysis of multi-year rainfall, stream-flow, and reservoirs within the County.

The report also includes watershed burn-area hydrologic assessment & photographs associated with the 5 major wildfires that were experienced within the past 3 years (Zaca, Gap, Tea, Jesusita, and La Brea).

The intention of this report is to concisely document hydrologic observations and processes of recent years, and to provide a reference document for future years.

The Public Works Department intends to place this report on our website to download free of charge. This report will also be available in a printed color version for approximately \$75 (depending on reproduction costs).

Background:

The Hydrology section within the Water Resources Division of Public Works periodically prepares water-year reports covering hydrologic processes & observations.

The report documents the significant Hydrology (surface water) related events for the 2009-2010 water-year in Santa Barbara County.

This 95 page report includes a 1-page executive summary, which is followed by more detailed discussion of Hydrologic Monitoring Systems, Weather Forecast, Burn-Areas, Rainfall, Rivers & Streams, Reservoirs, Flood-Flow Modeling, and other related topics.

Report Appendices are inclusive of reference information on Hydrologic Gauge Station listings, Hydrologic Station Installation pictures, Yearly/Monthly Rainfall listings, and Rainfall Return Periods.

The rainfall year and water year (WY2010) referred to in this report runs from September 1, 2009 through August 31, 2010.

Fiscal and Facilities Impacts:

Budgeted: yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
State			
Federal			
Fees			
Other:			
Total	\$ -	\$ -	\$ -

Narrative:

Hydrology is an ongoing program for the Flood Control District. Staff time for this project was included in the Adopted 2010-11 budget under the Hydrology Cost Center of the Water Resources Division of the Public Works Department as shown on page D-366 in the budget book.

Staffing Impacts:

Legal Positions:

FTEs:

Special Instructions:

Direct the Clerk of the Board to send a copy of the minute order of this action to the Flood Control District office, Attn: Christina Lopez.

Attachments:

“Santa Barbara County Hydrology Report” for 2009-10

Authored by: Shawn Johnson, Senior Hydrologist, 568-3452