



Public Works Agency

*Watershed  
Protection District*

# VIRGINIA COLONY REGIONAL DETENTION BASIN

## CRS & CTP

Presentation to Steering Committee  
By  
Ventura County  
Watershed Protection District

Monday, March 21, 2011





# VIRGINIA COLONY REGIONAL DETENTION BASIN GOALS

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- Provide flood protection to Lower Calleguas (city of Moorpark and city of Camarillo)
- Implement and Maintain the sediment management strategy to minimize maintenance in system
- Provide opportunity for groundwater recharge
- Maximize multi-use and recreational benefits
- Perform cost-effective and environmentally friendly projects



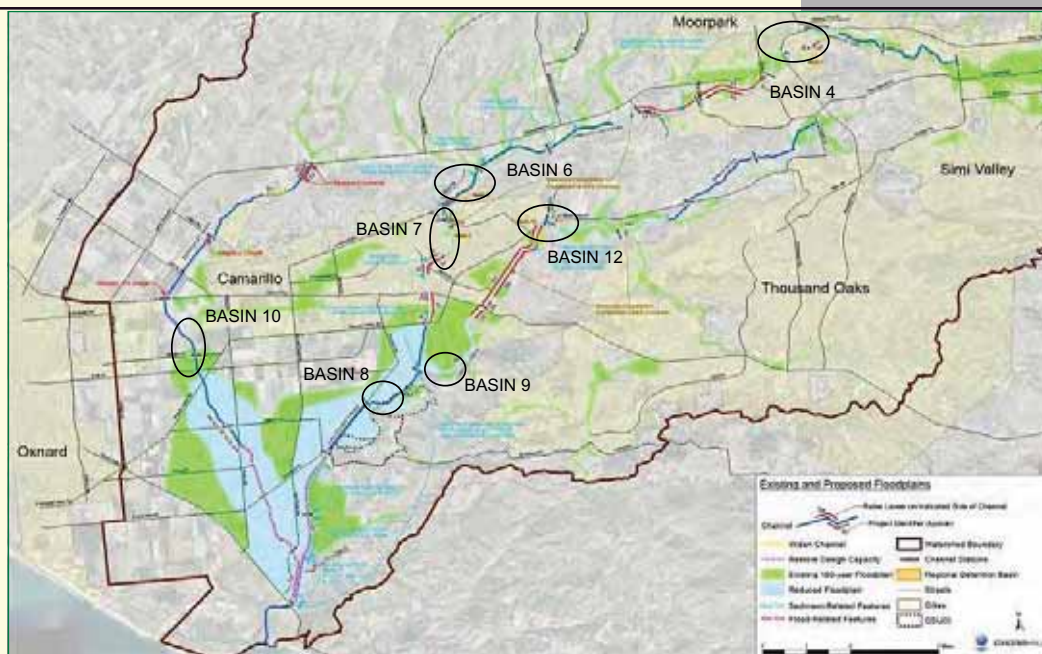
# Lower Calleguas Creek IWPP Phase II Management Strategy Study Report **Recommended Scenario**

## Regional Basins with Existing Structure Protection Level

- Regional Basins significantly reduce 100 year peak flood flows in Calleguas Creek and Revolon Slough.
- Minimized Channel Improvements.
- Land Management will maximize the amount of land that remains in (or is added to) the floodplain over time.
- Watershed BMPs will ensure that future flow peaks do not increase over current flows.

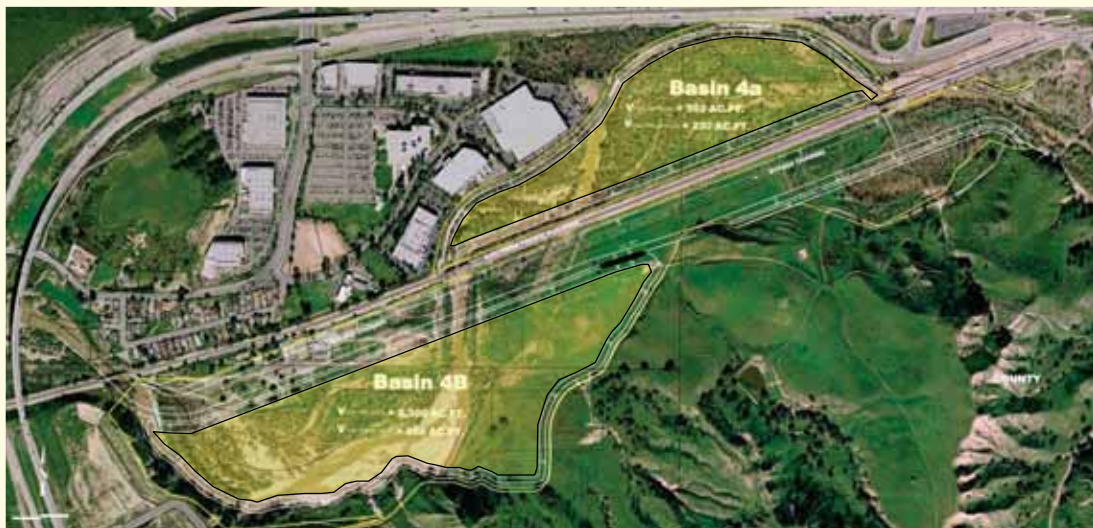


# Regional Detention Basin Effects



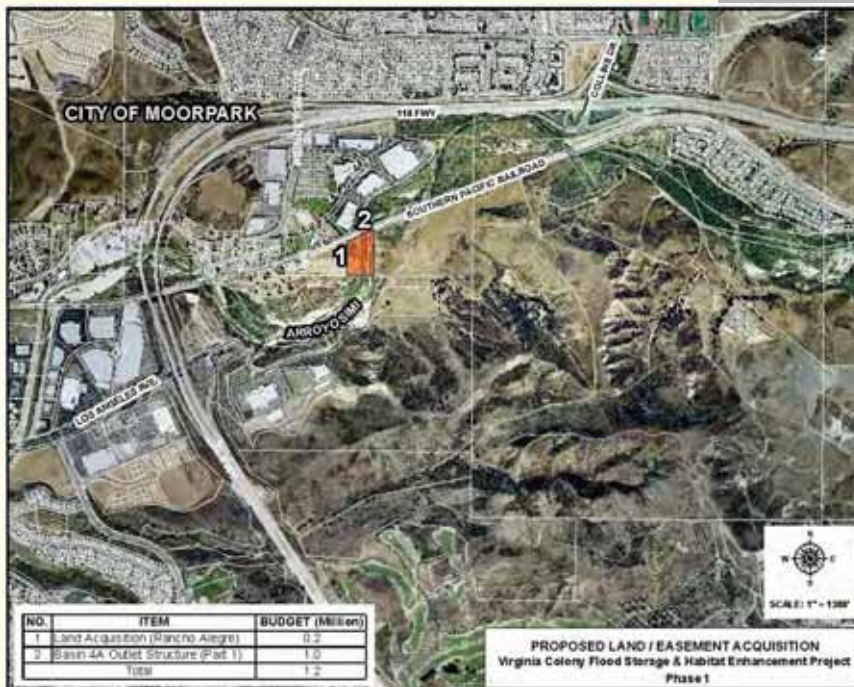


# Regional Detention Basin #4





# Virginia Colony Project Phase 1





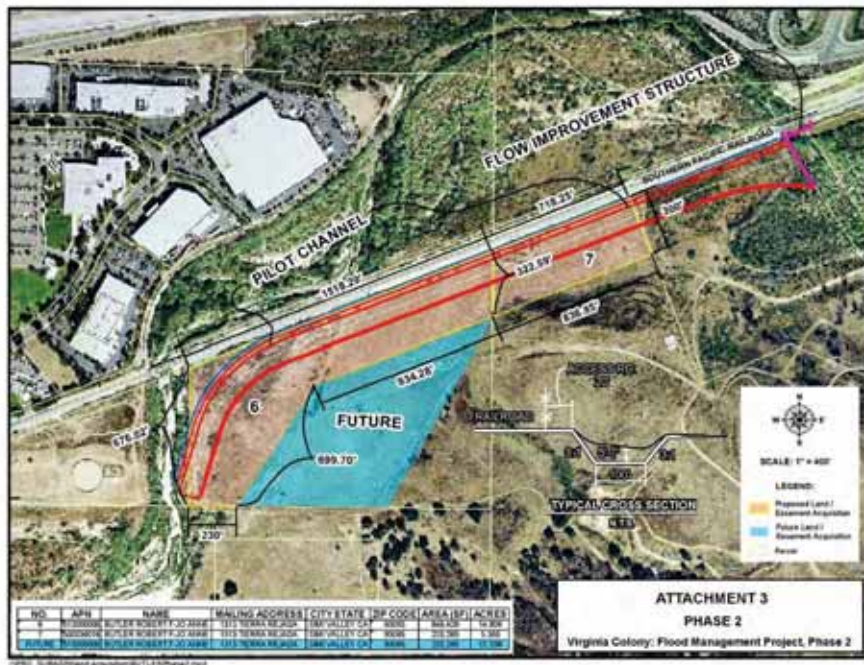


# Virginia Colony Project Phase 2

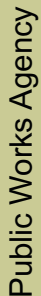




# Virginia Colony Project Phase 2







**PHASE 2**  
**PROPOSED LAND ACQUISITION**  
 Virginia Colony Flood Storage & Habitat Enhancement Project

NO.	APN	NAME	MAILING ADDRESS	CITY/STATE	ZIP CODE	AREA (SQ. FT.)	ACRES
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# Virginia Colony Project Phase 3





# Virginia Colony Project – Letter of Support

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- City of Moorpark
- The Nature Conservancy
- Ventura County Resource Conservation District
- Rancho Simi Recreation and Park District