

MITIGATION MONITORING PROGRAM SUMMARY
SANTIAGO HILLS II

<p>wireo/southwestern willow flycatcher surveys are completed.</p> <p>The ROMP will be subject to a review process wherein the appropriate agencies (including ACOE, USFWS, and CDFG) and concerned members of the public who have provided a written or oral testimony on the project are provided an opportunity to review and provide input on the plan. The ROMP shall be considered a Discretionary Project for purposes of CEQA, and shall be subject to review and approval by the Planning Commission, subject to appeal to the city Council.</p>				
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Attachment A--Mitigation Measure W-4, Runoff Management Plan

A Runoff Management Plan (ROMP) shall be submitted and approved by the City of Orange and the Manger of Watershed and Coastal Resources for the County of Orange prior to approval of any tentative tract map, other than for financing purposes, or issuance of any grading permit. The ROMP shall detail how the proposed project achieves the most appropriate balance between flood protection, water quality and preservation of sensitive habitats, given the project's grading plans. Specifically, the ROMP will address the following objectives:

Hydrology/Flood Protection

- Confirm that post-development storm flows from the proposed project to Peters Canyon Reservoir are consistent with available detention capacity and will not exceed previously established limits for releases to Handy Creek and capacity of detention facilities in Santiago Hills 1.
- Storm runoff from undeveloped tributaries to the improved portions of Irvine Regional Park may exceed capacities of existing facilities, therefore the proposed project should incorporate diversion of storm flows to either be routed northerly of the existing park improvements to Santiago Creek or westerly to the area of impoundment behind Villa Park dam.
- Peak storm flows should be reduced through the use of detention facilities so as not to exceed the capacity of downstream facilities in a manner acceptable to City of Orange and County of Orange .

Erosion and Sediment Transport

- Stabilize natural drainage courses between Chapman Avenue and Jamboree Road to inhibit scour and lateral bank erosion within these natural drainage courses.
- Storm flows entering Peters Canyon Reservoir or the improved portions of Irvine Regional Park shall protect against adverse scour and lateral bank erosion resulting from project flows to Peters Canyon Regional park and Irvine Regional Park.
- Maintain free flow of storm waters to Peters Canyon Reservoir for runoff exiting existing drainage facilities in Jamboree Road.

Water Quality

- Determine with the County water quality problems of concern in Peters Canyon Reservoir
- Establish specific requirements for non-structural and structural BMP's.
- Majority of dry season low flows, and, in accordance with the County DAMP and NPDES requirements, storm water flows originating from the project watershed, to be routed to structural BMP's such as extended detention basins, grass swales and wetlands prior to entering Peters Canyon Reservoir and Santiago Creek. Selected BMP's are to be those most suitable for achieving applicable water quality standards.

- In addition, selected BMP's should be those best suited to address TMDL that are established by Santa Ana Regional Water Quality Control Board.

Habitat Protection

- Protect against any significant long-term impacts to habitat of endangered species and create or enhance wetlands and riparian habitat within the natural drainage courses between Jamboree Road and Chapman Avenue for (endangered species) habitat and water quality purposes.
- Examine potential operational alternatives and water flow regimes for Peters Canyon Reservoir that would enhance water quality over existing conditions.

Nothing herein is to be interpreted as requiring improvements to Santiago Creek.