



Measure M2 Environmental Mitigation Program Update



Goals and Objectives

Goals

- Expedited project delivery
- Provide higher value environmental mitigation

Objectives

- Streamlined biological permitting processes for freeway projects
- Protection of open space
- Restoration of existing open space
- Long-term preservation funding

Partners

- State and federal resources agencies
- California Department of Transportation
- Army Corps of Engineers
- Water resources boards
- Environmental stakeholders
- General public

Strategies

- Conservation assessment
- Master Agreement
- Conservation plans and environmental documents
- Property management plans
- Funding approach

Accomplishments – Acquired Properties

Property Name/Location	Approximate Acreage	Interim Manager
Saddle Creek South/ Trabuco Canyon	84 acres	Transportation Corridor Agencies
Hayashi/Brea	296 acres	California Department of Parks and Recreation
Ferber Ranch/Trabuco Canyon	399 acres	OCTA staff/Consultants
O'Neill Oaks/Trabuco Canyon	119 acres	OC Parks
Hafen/Trabuco Canyon	48 acres	Audubon Society (pending)
Total	946 acres	



Accomplishments – Restoration Projects

Restoration Project/Sponsor/Location	Proposed Funding	Watershed HUC* 8/HUC 10	Habitat Type/Acreage**
Agua Chinon and Bee Flat Canyon/Irvine Ranch Conservancy/County	\$1,450,000	San Diego Creek	Chaparral, coastal sage scrub (CSS), coast live oak/sycamore, oak woodland, native grassland, and riparian/90 acres
Fairview Park/City of Costa Mesa/Costa Mesa	\$2,000,000	Talbert Channel/Greenville Banning	Wetlands, native grassland, CSS, willow scrub, oak woodland/23 acres
City Parcel/City of San Juan Capistrano/San Juan Capistrano	\$1,500,000	San Juan Creek	Riparian, upland CSS, oak woodland, and native grassland/53 acres
Big Bend/Laguna Canyon Foundation/Laguna Beach	\$87,500	Laguna Canyon Channel	Upland CSS, riparian woodland/3.5 acres
UCI Ecological Preserve/Nature Reserve of Orange County/Irvine	\$325,000	San Diego Creek	Cactus scrub/8.5 acres
Total	\$5,362,500		

* HUC is defined as a Hydrologic Unit Code. The Hydrologic Unit system is a standardized watershed classification system developed by United States Geological Survey (USGS). Hydrologic units are watershed boundaries organized in a nested hierarchy by size. They range in size from regions, to the smaller cataloging units (HUCs), which are roughly equivalent to a local watershed.

**Estimated total habitats for each restoration project



Accomplishments – Restoration Projects 2

Restoration Project/Sponsor/Location	Proposed Funding	Watershed HUC* 8/HUC 10	Habitat Type/Acreage**
Aliso Creek/Laguna Canyon Foundation/ Laguna Niguel	\$1,105,000	San Juan/Aliso Creek - Frontal Gulf of Santa Catalina	55 acres of riparian (30 acres of invasives removal and 55 acres of native plant installation)/55 acres
Chino Hills State Park/Chino Hills State Park/Brea and Yorba Linda	\$193,000	Santa Ana/Lower San Gabriel River	15 acres of willow riparian and OakWalnut woodland and 6 acres of cactus scrub/21 acres
Harriett Weider Regional Park/City of Huntington Beach	\$475,000	Santa Ana/Bolsa Chica Channel - Frontal Huntington Harbor	7.7 acres of native grassland and CSS, as well as 0.5 acres riparian/ 8.2 acres
Lower Silverado Canyon/Irvine Ranch Conservancy/Irvine	\$1,399,580	Santa Ana/Santiago Creek	Riparian/44 acres
North Coal Canyon/ California Department of Parks and Recreation/ Yorba Linda	\$247,500	Santa Ana	Riversidian Alluvial Fan Sage Scrub (CSS)/5.5 acres
West Loma/Irvine Ranch Conservancy/Irvine	\$1,296,000	Santa Ana/Santiago Creek	80 acres of mostly upland, 3 acres of riparian/80 acres
Total	\$4,716,080		

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**Estimated total habitats for each restoration project

Next Steps

- Issue draft conservation plans/environmental documents
- Prepare property management plans
- Obtain permits from Army Corps of Engineers and water resources boards
- Award restoration grants
- Assess future funding priorities