

**California Regional Water Quality Control Board-Los Angeles Region
Contracts and Grants Program**

Project Summary: 03-153-554

Project Number: 03-153-554	Project Status: Completed	Grant Manager: M Flores
Project Name: Upper Santa Clara River Watershed Arundo Donax and Tamarisk Eradication Program	Project on Schedule: Yes	

Project Details

Watershed: Santa Clara River-Upper	Project Description: Exotics removal project that includes mapping, monitoring, long-term planning, site assessment, and outreach. Large geographic area will be covered. Project will help restore watershed, improve facultative filtration, remove large trash components in stream runoff, and improve groundwater recharge. Large stakeholder group with commitment to main results.
Problem Statement: The harmful effects of Arundo Donax and Tamariz are well documented. We believe invasive weed infestations are most effectively addressed on a regional scale and done systematically over a period of many years. Our goal is to establish an eradication program that will reflect this philosophy and demonstrate measurable riparian habitat improvements as the project progress on the next 20 years and beyond.	Outcomes: The goal of this project is to establish an eradication program that demonstrate measurable riparian habitat improvements as the project progresses in the next 20 years and beyond. An additional outcomes, include, watershed wide mapping and a water quality monitoring and data collection.

Contract

Execution Date: 12/10/03	End Date: 3/31/06
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Contractor

Contractor Type:		Project Director	Project Assistant
Contractor Name: Ventura County Resource Conservation District		Name: Patricia Oliver	Peggy Rose
Contractor Department:		Phone Number: (805) 386-4685	(805) 386-4990
Street Address: P.O. Box 147, 3380 Somis Road		Phone Extension:	
Suite:		Fax Number: 8053864890	
City: Somis		Email Address: venturacorcd@aol.com	
State: CA	Zip: 93066-		

Funding and Invoices

Funding Source: Prop-13-II

Project Amount: \$1,500,000

Match Amount:

Fund Summary

	Award	Match
Allocation	\$1,500,000.00	
Used	\$1,484,876.85	\$1,003,666.00
Balance	\$15,123.15	

Deliverables

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Line Item	Description	Date		Task Completed
		Due	Receive	
	Acton Outreach Workshop	4/30/05		Yes
	QAPP (draft)	11/17/04	11/18/04	Yes
1.2	Quarterly Progress Reports	4/10/04		Yes
1.5	Contract Summary Form	4/10/04		Yes
1.6	Quarterly Subcontractor Documentation	4/10/04	11/16/05	Yes
1.7	Expenditure/Invoice Projections	1/15/04	3/1/06	Yes
1.8	Project Survey Form	3/1/06	3/31/06	Yes
2.1	CEQA/NEPA Documentation (Programmatic EIR/EA or EIR/EIS)	12/1/05	4/19/06	Yes
2.2	CEQA/NEPA Documentation (site-specific documentation)	6/1/05		Yes
2.3	Permits	6/1/05		Yes
3.1	Approved and Signed QAPP	10/15/04	3/22/05	Yes
3.2	Approved Monitoring Plan	10/15/04	3/14/05	Yes
4.1	Written Justification with Recoupment Schedule	1/15/04		Yes
4.2	Proof of Separate Bank Account	1/15/04		Yes
4.3	Annual Bank Statements	1/15/04		Yes
5.1	PAEP	4/10/04		Yes
6.1	Vegetative Map	9/15/04	2/1/06	Yes
6.2	Target Plant Map	9/15/04		No
6.3	Baseline Biological Inventory and Water Quality Data	2/15/05	4/19/06	Yes
6.4	Long-Term Eradication Methods	6/15/05		Yes
6.6	Description of Funding Mechanisms	10/15/05		Yes
6.7	Public Outreach/Education Plan/ Strategy	10/15/05		Yes
6.9	Draft Long-Term Implementation Plan	10/15/05	4/19/06	Yes
6.10	Approved Long-Term Implementation Plan	12/15/05	4/27/06	Yes
7.2	Draft Site-Specific Implementation Plan and Site-Specific Eradication Procedures	6/15/05		Yes
7.3	Approved Site-Specific Implementation Plan and Site-Specific Eradication Procedures	8/10/05	4/27/06	Yes
8.1	Signed MOUs	12/15/05		Yes
8.2	Signed MOUs with Antelope Valley RCD	12/15/05		Yes
9.2	Signed Access Agreements	10/15/05		Yes
9.4	Water Quality Data (to SWRCB's Contract Manager only)	1/15/06	4/27/06	Yes
9.5	Summary of Water Quality Changes	1/15/06	4/27/06	Yes
9.6	Photo Documentation of Eradication Efforts	12/15/05		Yes
10.1	Sign-in Sheets and Pictures from Workshops	12/10/05		Yes
10.2	Advertisement Information	12/10/05		Yes
10.3	Workshop Materials	12/10/05		Yes

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11.2	Draft Project Report	2/1/06	4/4/06	Yes
11.3	Final Project Report	3/1/06	4/27/06	Yes

Events

Date: 6/27/06
Type: Status report
Subject: Status
Status:

Comments:

Contract work was completed on March 31, 2006 and closed out by State Board on May 11, 2006. The target removal area included approximately 10 acres of dense arundo, 5 acres of tamarisk, the total area covered was 75 acres. The hydrology of the target area has changed with increased flows resulting in new streamlets in the channel. In addition to the removal of the invasives, the project had a water monitoring component and produced a long term eradication and implementation plan and mapped the entire watershed. The RCD discovered that mulching is a cost effective way to remove arundo if it is cut into segments smaller than 2 inches and dried completely. The RCD was awarded additional funds from the City of Santa Carita and the Natural Resource Conservation Service for an additional 5 years of vegetation management/planting and 20 years of monitoring.