



Projects & Programs for the Integrated Regional Water Management Plan Update

The following list is a subset of the Ventura River Watershed Council's working list of projects and programs for the Ventura River Watershed Management Plan. These projects/programs all have a Proponent – an entity/organization willing to be a grant applicant or otherwise lead the project. The summary by category is followed by a list of specific projects/programs.

Project/Program Categories

Goal 1: Sufficient Local Water Supplies

Studies/Analyses to Help Fine Tune Water Supply Management
Analyses of Opportunities to Increase Water Supply Recharge, Reuse & Capture
Water Supply Infrastructure Reliability Improvements
Water Supply System Loss Minimization
Water Supply Recharge, Reuse & Capture Improvements
Water Use Efficiency, Reuse & Capture Education & Stewardship Programs

Goal 2: Clean Water

Studies & Equipment to Improve Understanding of Causes of Water Quality Problems
Analyses & Programs to Increase the Value of Water Quality Monitoring
Plans & Studies to Improve Water Quality Impacts of Development
Sewer & Septic System Infrastructure Improvements
Stormwater Infrastructure Improvements
Brownfield Project Remediation
Water Quality Education Stewardship Programs
Coordinated Water Quality Monitoring
Illegal River Activities Prevention

Goal 3: Integrated Flood Management

Models for Flood Improvements
Plans to Prioritize Flood Improvements
Levee Improvements
Flood-Related Mitigation for Matilija Dam Removal
Channel Improvements
Debris Basin Improvements
Right-of-Way Acquisitions for Flood Management
Extreme Flood/Climate Change Preparation

Goal 4: Healthy Ecosystems

Plans for Ecosystem Restoration, Protection and Resource Management
Invasive Plant Removal & Monitoring
Steelhead Habitat Improvements
Riparian Habitat & Wetland Restoration
Matilija Dam Removal and Related Improvements
Land Acquisition for Ecosystem Protection
Ecosystem Education & Stewardship Programs
Existing Regulation Monitoring/Enforcement/Streamlining

Goal 5: Access to Nature

Ventura River Parkway Plan.
New Trails, Access Points & Parks
Trail Maintenance.
Trails/Nature Education & Stewardship Programs

Goal 6: Responsible Land and Resource Management

Plans & Assessments for Land & Resource Management
Watershed Corps
Land & Resource Management Education & Stewardship Programs
Policy/Regulation Improvements
Extended Drought/Climate Change Preparedness

Goal 7: Coordinated Watershed Planning

Watershed Education & Stewardship Programs
Watershed Council & Coordinator
Watershed Management Plan

Projects/Programs

Goal 1: Sufficient Local Water Supplies

ID#	Project/Program
	Studies/Analyses to Help Fine Tune Water Supply Management
197	Groundwater Extraction Estimates - Upper and Lower Ventura River Basins.
1	Surface Water-Groundwater Interaction Analysis.
22	Conjunctive Use Study.
19	Water Rate Analysis.
197	Ojai Basin Safe Yield Study.
	Analyses of Opportunities to Increase Water Supply Recharge, Reuse & Capture
21	Reclaimed Water Analysis.
10	On-Farm Water Detention/Retention Analysis.
7	Water Supply Infrastructure Reliability Improvements
6	Casitas MWD Reservoir Tank Seismic Retrofit.
11	Contingency Water Storage.
151	Casitas MWD - City of Ventura Conduit Intertie.
154	Casitas MWD Exposed Main Line (San Antonio Creek) Burial.
194	Meiners Oaks WD Replacement Water Well.
195	Meiners Oaks WD Standby Electric Generator.
196	Meiners Oaks WD Water tank Replacement.
16	Water Supply System Loss Minimization
153	OVSD Sewer Main Lining.
	Water Supply Recharge, Reuse & Capture Improvements
18	San Antonio Creek Spreading Grounds.
156	Ventura Water Foster Park Wellfield Restoration.
158	Ventura Water North-Side Satellite Wastewater Treatment Plant.
	Water Use Efficiency, Reuse & Capture BMP Education & Incentives
144	Large Landscape Irrigation Efficiency Evaluations.
198	Agricultural & Hobby Orchard Irrigation Efficiency Evaluations.
30	Ocean/River Friendly Gardens Education Program.
5	Water Use Efficiency & Reuse Education Program.
174	Native & Climate Appropriate Plant Education.

Goal 2: Clean Water

ID#	Project/Program
	Studies & Equipment to Improve Understanding of Causes of Water Quality Problems
32	Dissolved Oxygen Loggers.
145	In-Situ Water Quality Monitoring Equipment.
147	Ventura River Stream Team Citizen Monitoring Program.
170	Septic System TMDL Special Study.
177	Geologic Nitrogen Sources - TMDL Special Study.
	Analyses & Programs to Increase the Value of Water Quality Monitoring
199	Integrated & Accessible Water Quality Monitoring Data.
	Plans & Studies to Improve Water Quality Impacts of Development
42	Stormwater Runoff Retrofit Plan (LID & Green Streets).
	Sewer & Septic System Infrastructure Improvements
24	OVSD Sewer Trunk Relocation - Ventura River.
25	OVSD Sewer Trunk Relocation - Ventura River/Meiners Oaks.
	Stormwater Infrastructure Improvements
146	Stormwater Runoff Retrofits (LID & Green Streets).
161	Dry Weather &/or First Flush Diversions.
162	City of Ventura San Jon/Prince Barranca Urban Stormwater/Flood Control Retrofit Pilot Project.
189	Stormwater Parking Lot Retrofits.
190	Trash Excluders.
164	Brownfield Project Remediation.
	Water Quality Education & Stewardship Programs
26	Stream Protection Fencing.
33	Slow It/Spread It/Sink It Campaign.
37	Farm & Stable Nutrient Management Program.
43	Water Pollution Prevention Campaign.
151	Manure/Composting Storage Demonstration Site.
41	San Antonio Creek Watershed Alliance.
40	Adopt-a-River Program.
39	Coordinated Water Quality Monitoring.
44	Illegal River Activities Prevention.

Goal 3: Integrated Flood Management

ID#	Project/Program
	Models for Flood Improvements
73	Flood Modeling - McNeill Creek Flood Mitigation.
74	Flood Modeling - Thatcher Creek Flood Mitigation.
	Plans to Prioritize Flood Improvements
83	Ventura River Integrated Watershed Protection Plan Annual Update.
	Levee Improvements
45	Bring Levees up to FEMA Standards/Mitigate for Matilija Dam Removal - Casitas Springs Levee.
46	Bring Levees up to FEMA Standards/Mitigate for Matilija Dam Removal - Live Oaks Levee.
47	Bring Levees up to FEMA Standards - Ventura River Levee & Parkway Enhancement.
	Flood-Related Mitigation for Matilija Dam Removal
48	Matilija Dam Removal Mitigation- Meiners Oaks Levee.
49	Matilija Dam Removal Mitigation - Santa Ana Bridge Upgrades.
50	Mitigate for Matilija Dam Removal - Camino Cielo Bridge Replacement.
	Channel Improvements
57	Canada de San Joaquin Bank Stabilization.
58	Channel Improvements - Canada Larga.
59	Channel Improvements - Canada Larga Channel Invert Repair.
66	Channel Improvements - Rebuild East Ojai Drain.
67	Channel Improvements - Fox Barranca.
71	Channel Improvements - Howard Ave. Drain.
79	Channel Improvements - Skyline Drainage Rock RipRap Stabilizer.
80	Channel Improvements - Thatcher Creek - Grand Ave.
81	Channel Improvements - Thatcher Creek @ Siete Robles.
84	Channel Improvements - Vince Street Drain Outlet to Ventura River.
63	Channel Improvements - Dent Drain Outlet.
191	Stormdrain Improvements - Ojai Avenue (Eastside).
192	Culvert Improvements - Maricopa Hwy at Besant Meadow.
	Debris Basin Improvements
60	Debris Basin Installation/Maintenance - Coyote Creek.
62	Debris Basin Installation/Maintenance - Dent Canyon.
65	Debris Basin Installation/Maintenance - Dron Creek.
70	Debris Basin Installation/Maintenance - Fresno Canyon Flood Mitigation.
77	Debris Basin Installation/Maintenance - Senior Canyon.
	Right-of-Way Acquisitions for Flood Management
61	Right-of-Way Acquisition - Coyote Creek.
68	Right-of-Way Acquisition - Fox Canyon Debris Basin.
69	Right-of-Way Acquisition- Fresno Canyon Flood Mitigation.
72	Right-of-Way Acquisition - Manuel Canyon.
75	Right-of-Way Acquisition - Parkview Drain.
	Extreme Flood/Climate Change Preparation
148	ARkStorm Scenario Drill.
169	100-Year Flood Event Drill.

Goal 4: Healthy Ecosystems

ID#	Project/Program
	Plans for Ecosystem Restoration, Protection and Resource Management
93	Steelhead Restoration Plan.
94	Land Protection Plan.
87	Invasive Plant Removal & Monitoring
170	<i>Arundo</i> (Giant Reed) Retreatment/Mitigate for Matilija Dam Removal.
173	<i>Arundo</i> (Giant Reed) Retreatment - San Antonio Creek.
	Steelhead Habitat Improvements
90	Steelhead Habitat Enhancement.
91	Fish Passage.
92	Steelhead Pool Development/Maintenance on San Antonio Creek.
101	Riparian Habitat & Wetland Restoration.
168	San Antonio Creek Restoration at Soule Park Golf Course.
155	Foster Park Infrastructure and Bank Protection and Restoration.
76	Confluence Wetland Mitigation.
	Matilija Dam Removal and Related Improvements
104	Matilija Dam Sediment Removal.
106	Matilija Dam Removal.
171	Matilija Dam Desilting Basin.
172	Matilija Dam Removal Mitigation - Robles Diversion High Flow Bypass.
105	Interim Notch of Matilija Dam.
	Land Acquisition for Ecosystem Protection
95	Land & Public Access Protection.
	Ecosystem Education & Stewardship Programs
89	Invasive Plants Education Program.
96	Streamside Property Owners Stewardship Program.
	Existing Regulation Monitoring/Enforcement/Streamlining
88	Permit Streamlining - Invasives Removal.

Goal 5: Access to Nature

ID#	Project/Program
110	Ventura River Parkway Plan.
	New Trails, Access Points & Parks
112	New Family-Oriented Picnic Areas/Parks.
113	New & Improved Trails.
114	Lower Ventura River Public Access.
150	Trail Maintenance.
	Trails/Nature Education & Stewardship Programs
111	Trails Guide.
132	Interpretive Signs.

Goal 6: Responsible Land and Resource Management

ID#	Project/Program
	Plans & Assessments for Land & Resource Management
117	Existing Local Policy Assessment.
126	Water Efficient Crop Study.
20	Watershed Corps.
	Land & Resource Management Education & Stewardship Programs
130	Agricultural Best Management Practices.
	Policy/Regulation Improvements
116	Intra-County Land Use Planning Task Force.
127	North Ventura Avenue Area Plan.
120	Extended Drought/Climate Change Preparedness.

Goal 7: Coordinated Watershed Planning

ID#	Project/Program
	Watershed Education & Stewardship Programs
141	Watershed Literacy Programs.
131	Watershed & River Signs.
133	Watershed Education Center.
139	Youth Education.
136	Watershed Council & Coordinator.
137	Watershed Management Plan.