

MAC Plan – Project List Update Addendum 2015

Introduction

This addendum to the Mokelumne-Amador-Calaveras Integrated Regional Water Management Plan (MAC Plan) documents the changes to the Project List contained in the January 2013 MAC Plan update. The primary purpose for updating the Project List is to better position the MAC Region to compete for additional grant funding associated with Proposition 1 (approved by California voters in November 2014) and other potential funding opportunities.

Project List Update Process Summary

The Upper Mokelumne River Watershed Authority (UMRWA) in October 2014 engaged the services of RMC Water & Environment to administer and support the Project List update process. RMC in January 2015 initiated the multi-step update process with the MAC Plan Regional Participants Committee (RPC). The process included revising the project proposal forms, conducting a ‘call for projects’, screening and evaluating proposed projects, presenting the evaluation results to the RPC, modifying and integrating project proposals to enhance project benefits and efficiencies, and finalizing the updated Project List.

A total of 48 project proposals were submitted, all of which passed the initial screening (based on the criteria specified in the 2013 MAC Plan). Two RPC meetings were conducted, both held at the Amador County Administration Building in Jackson, California, to vet and revise the proposed projects. Table 1 below presents the update process steps and timeline.

Table 1 - MAC Plan Project List Update 2015

Activity	Timeline
RMC issues a “Call for Projects” which included Project Proposal forms and instructions for completing the forms. The call for projects targeted new project proposals and updates to projects contained in the 2013 MAC Plan.	January 14
RMC hosts a conference call to answer questions regarding the Project Proposal forms and related content.	January 27
Project Sponsors submitted completed Project Proposal forms to RMC.	February 6
RMC assembled the submitted Project Proposal Summary forms, prepared evaluation tables, and transmitted these materials to the RPC.	February 26
<u>RPC meeting #1</u> : Review projects, identify project changes and/or needed additional info, discuss criteria for project endorsement options, and sorting projects into ‘RPC endorsed’ vs. ‘RPC not endorsed’ lists.	March 12
<u>RPC meeting #2</u> : Finalize project info, and review and determine final project scores and priorities.	April 9

RPC Membership

In conjunction with the initiative to update the Project List the RPC membership was reviewed and also updated with the consent of the RPC. This resulted in several new members being added, several members being removed, and several new alternates being substituted. The new additions to the RPC are noted in *italics* in Table 2 below.

Table 2 – RPC Membership

RPC Members (Alternates)	Affiliation
Pete Bell	Foothill Conservancy
(Reuben Childress)	Foothill Conservancy
(Katherine Evatt)	Foothill Conservancy
Craig Case - <i>added</i>	Amador Tuolumne Community Action Agency (ATCAA)
Mike Daly	City of Jackson
Tom Francis	East Bay Municipal Utility District
Jeff Gardner	City of Plymouth
Teresa McClung	US Forest Service
(Rick Hopson)	US Forest Service
Tom Infusino	Calaveras Planning Coalition
Donna Leatherman	Calaveras Public Utility District
Gene Mancebo	Amador Water Agency
(Damon Wyckoff) - <i>added</i>	Amador Water Agency
Pat McGreevy - <i>added</i>	Amador-Calaveras Consensus Group (ACCG)
Jeff Meyer	Calaveras County Water District
(Terry Strange) - <i>added</i>	Calaveras County Water District
Sarah Rutherford - <i>added</i>	Central Valley Regional Water Quality Control Board
Hank Willy	Jackson Valley Irrigation District
Project Team	Affiliation
Rob Alcott	Upper Mokelumne River Watershed Authority (UMRWA)
Alyson Watson	RMC Water and Environment
Dawn Flores	RMC Water and Environment

Updated Project List

The updated Project List is presented below in Table 3.

Table 3 - Project List Update 2015				
Project No.	Sponsor Agency	Project Name	Project Type	Estimated Cost

1	AWA	Amador County Long Term Water Needs Study	Planning	\$250,000
2	AWA	Amador Water Agency Low Pressure Fire Flow Improvements	Planning and Implementation	\$675,000
3	AWA	Camanche Area Regional Water Supply Project Phase II (CARWSP II)	Planning and Implementation	\$6,963,046
4	AWA	CAWP & AWS Intertie	Planning	\$2,750,000
5	AWA	CAWP Fire Protection Project	Planning	\$150,000
6	AWA	CAWP Gravity Distribution Line	Planning	\$50,000
7	AWA	CAWP Tanks Replacement and Consolidation Project	Planning and Implementation	\$2,600,000
8	AWA	Community Leachfield Groundwater Nitrate Study	Planning	\$100,000
9	AWA	Floating Covers Replacement Project	Planning and Implementation	\$100,000
10	AWA	Groundwater Banking Project (Conjunctive Use)	Planning	\$200,000
11	AWA	Highway 88 Corridor Wastewater Transmission Pipeline (study)	Planning	\$50,000
12	AWA	Ione Hydroelectric Project	Implementation	\$1,649,000
13	AWA	Ione Treated Water Loop	Planning	\$50,000
14	AWA	Lake Camanche Transmission Main Project	Implementation	\$900,000
15	AWA	Lake Camanche Village Wastewater Reuse Project	Planning	\$14,450,000
16	AWA	Lake Camanche Water Service Replacement – Phase III	Implementation	\$594,000
17	AWA	Lower Amador Canal Project	Planning	\$200,000
18	AWA	Lower Bear River Reservoir Expansion Project	Planning	\$5,200,000
19	AWA	Martell Wastewater Lift Station Reduction Project	Planning	\$550,000
20	AWA	Mokelumne Water Quality, Soil Erosion, and Sedimentation Restoration Project	Planning	\$150,000
21	AWA	Mount Crossman Tank Project	Planning	\$2,000,000
22	AWA	New York Ranch Reservoir Conservation and Management	Planning	\$35,000
23	AWA	Regional Wastewater Reuse Project	Planning and Implementation	\$20,000,000
24	AWA	Shenandoah Valley Water Supply Analysis	Planning	\$75,000
25	AWA	Small Diameter Pipe Treated Water Conversion	Planning and Implementation	\$3,250,000
26	AWA	Surface Storage Feasibility Study	Planning	\$200,000
27	AWA	Tanner Backwash Water Recycling / Reuse Project	Planning and Implementation	TBD

28	AWA	Tanner Regional Water Treatment Plant	Planning and Implementation	\$24,116,537
29	AWA	Wastewater Collection System Improvement Study	Planning	\$200,000
30	AWA	Water System Replacement Master Plan	Planning	\$300,000
31	CCWD	Sheep Ranch Drinking Water Compliance Project	Implementation	\$300,000
32	CCWD	West Point Water Treatment Plant Drinking Water Compliance Project	Implementation	\$825,000
33	CPUD	CPUD Water Distribution System Improvements	Planning and Implementation	\$1,030,000
34	CPUD	Jeff Davis Treatment Plant Improvements	Implementation	\$80,000
35	CPUD	Middle Fork Ditch Pipeline and Hydroelectric Power Project	Planning and Implementation	\$11,135,000
36	Foothill Conservancy	Citizen Water Quality Monitoring	Implementation	\$25,000
37	Foothill Conservancy	High Country Meadow Restoration	Planning	\$40,000
38	Foothill Conservancy	Restoring the Upper Mokelumne's Anadromous Fish	Planning and Implementation	\$1,100,000
39	Stanislaus National Forest	Hemlock Landscape Restoration	Implementation	\$2,000,000
40	Stanislaus National Forest	Mattley Meadow Restoration	Planning and Implementation	\$200,000
41	Stanislaus National Forest	Moore Creek Restoration	Planning	\$36,000
42	City of Plymouth	Plymouth Arroyo Ditch Pipeline Project	Implementation	\$15,000,000
43	City of Plymouth	Plymouth Wastewater Irrigation Project	Implementation	\$2,500,000
44	AWA	MAC Conservation Program	Implementation	\$1,028,590
45	AWA	Amador County Fairgrounds Water Line Replacement ¹	Implementation	\$580,000

¹The Amador County Fairgrounds Water Line Replacement project requires additional vetting by the RPC.