

AV IRWMP Fourth Stakeholder Meeting

Wednesday, December 5, 2012

Minutes taken by: Grizelda Soto

The Fifth Antelope Valley Integrated Regional Water Management Plan (IRWMP) 2007 Update Stakeholder meeting was held on December 5, 2012, at the Palmdale Water District (Board Room). Attendees are listed in the attached sign-in sheet.

1. Welcome and Introductions

- a. The meeting was opened and led by Brian Dietrick (RMC) and called to order at 9:09 am.
- b. An electronic copy of the presentation is attached along with the other meeting materials.

2. Progress to Date

- a. Brian provided a summary for the following IRWM topics:
 - Flood Management
 - Task 2.3.2 TM is ready for review and will be sent out by Friday, December 6, 2012
 - The next committee meeting will be in January after the Stakeholder meeting; this committee meeting may be a workshop format
 - DACs
 - Task 2.1.2 TM will be ready for review by Friday, December 14, 2012
 - The next committee meeting will be in January after the Stakeholder meeting, if needed (RMC to decide and make recommendation based on TM comments)
 - IRWM Plan Update
 - Section 1 has been drafted and reviewed by the A-Team
 - Section 2 is currently being edited and should be ready for review by mid-January 2013

3. Progress to date: Process to Add/Update Projects in the IRWM Plan

- a. Project proponents have the opportunity to update and add new projects using the www.avwaterplan.org site
- b. New projects and updated projects need to be included in both versions of the IRWM Plan:
 - Updated 2013 IRWM Plan
 - Old 2007 IRWM Plan – Projects seeking Prop 84 Round 2 grant funding must be included in the 2007 IRWM Plan
- c. New and updated project information will be reviewed by RMC and recommendations will be made by RMC at the next stakeholder meeting (January 16th). Once stakeholders

approve projects they will be included in both the 2007 IRWM Plan and updated 2013 IRWM Plan.

- d. Project information has already been collected by RMC and will be sent to LACDPW-Waterworks (Aracely Jaramillo) to update on the www.avwaterplan.org site. Brian asked the stakeholder group if they agreed with this process and agreement was noted.
- e. Lastly, for any new projects competing for Prop 84 Round 2 grant funding, project proponents that have yet to adopt the 2007 IRWM Plan will have to adopt the plan before the Prop 84 Round 2 Implementation Grant deadline of March 29, 2013.

4. Progress to Date: Climate Change

- a. Brian provided a review and summary of the climate change components for the IRWM Plan update:
 - Adaptation Strategies – Addresses how projects will help to adapt to the impacts of climate change
 - Greenhouse Gas Mitigation- Addresses how to implement projects that will help mitigate greenhouse gas emissions
- b. Brian presented a few of the most important climate change vulnerabilities, Adaptation strategies and mitigation strategies discussed by the climate change committee.
- c. Brian presented the language added to the existing planning targets (for adaptation) and the new climate change objective and planning target that the climate change committee developed (for mitigation). The table below summarizes the new text (in red):

Water Supply	
Provide reliable water supply to meet the Antelope Valley Region’s expected demand between now and 2035	Adapt to additional 7-10% reduction in imported deliveries by 2050, and additional 21-25% reduction in imported deliveries by 2011.
Flood Management	
Reduce negative impacts of stormwater, urban runoff, and nuisance water	Coordinate a regional flood management plan and policy mechanism by the year 2017 and incorporate adaptive management strategies for climate change
Optimize the balance between protecting existing beneficial uses of stormwater and capturing stormwater for new uses	
Land Use Planning/Management	
Improve integrated land use planning to support water management	Coordinate a regional land use management plan by the year 2017 and incorporate adaptive management strategies for climate change
Climate Change Mitigation	
Mitigate against climate change	Implement “no regret” mitigation strategies, when possible, that decrease GHG’s or are GHG neutral (Note: No regret projects are for projects

	that would still be beneficial even if climate change weren't happening)
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d. No comments or questions were received from the stakeholders on climate change

5. Implementation Grants: Summary of Round 2

a. Brian provided an updated breakdown summary of both Round 2 grant programs:

1. Prop 1E

- Due February 1st
- Max grant amount \$30M per application (\$92M statewide)
- 50% funding match
- Must be consistent w/ adopted IRWMP and manage stormwater runoff to reduce flood damage
- Scoring does not include DACs
- Prop 1E Project:
 - a. PWD Littlerock Dam Sediment Removal (decided at October 17, 2012 stakeholder meeting)

• Prop 84

- Due March 29th
- Max grant amount \$3.9M (for Lahontan Funding Area)
- 25% funding match (can be waived for DAC projects)
- Must be consistent w/ adopted IRWMP and have multiple benefits (e.g., supply, flood, reliability, GW management, ecosystem restoration, etc.)
- Scoring includes DACs
- Projects identified for Prop 84: TBD

6. Implementation Schedule: Proposition 1E

a. RMC submitted a Prop 1E proposal to the AVSWCA for the PWD Littlerock Dam Sediment Removal project in late October

b. All RWMG MOU signatories need to provide the authorization to proceed with work on the Prop 1E Grant Application – currently only one signatory is left (Rosamond Community Services District). The group is hoping to obtain authorization by the end of this week (December 7th)

7. Considerations for Proposition 84

a. There is \$3.9 million available for the Lahontan Funding Area under Round 2 for six Regions

b. RMC contacted the other five Regions to determine who will be pursuing Prop 84 Round 2 grant funding:

- Freemont Basin – Not pursuing
- Lahontan Basins – Not pursuing
- Tahoe-Sierra – Pursuing

- Inyo-Mono- Pursuing
 - Mojave – Pursing
- c. If Prop 84 Round grant funds aren't awarded to any of the Regions, the funds would become available under Round 3
 - d. Per RMC, an application costs typically \$17-19K per project
 - e. There is potential to strategize on Round 2 funding with the other funding regions. Jennifer Wong (DWR) stated there is benefit with collaborating because there is a better chance to receive funding as the grants are scored on a competitive basis – if every funding region goes for smaller pots of money there would be more chances for the funding regions to obtain grant funding.
 - The AV stakeholder group was willing to consider participating
 - The A-team or a stakeholder would need to take the initiative to meet/discuss with the other funding areas. RMC is willing to help the group to get this meeting/discussion organized.
8. Implementation Grants: Proposition 84 – Potential Projects
- a. Brian presented the list of projects that could be eligible for Prop 84 Round 2 grant funding to the stakeholder group to discuss.
 - Boron CSD Arsenic Removal Treatment Plant (Design)
 - Proponent: Boron CSD
 - Project Cost: \$427,000 (for design services only)
 - Requesting Funding: \$427,000 (No match)
 - DAC Served: Yes
 - Summary: The District needs to treat its local groundwater supply to remove arsenic or construct a new local, low-arsenic well to replace the existing wells. The District needs to complete the planning portion (design) of the project and is eligible to receive funding for design services as a DAC.
 - Palmdale RWA Phase 2 Distribution System (Design/Construct)
 - Project Proponent: Palmdale RW Authority
 - Project Cost: \$10 M for construction; \$500,000 for design (5% of project cost)
 - Requested Funding:
 - DAC Served: Yes - need to verify
 - Summary: For Phase 2 (if possible) the project can apply for design funding under Prop 84 Round 2 and apply for construction funding in Round 3. The project is a collaborative project (JPA) and would serve water to some areas that are DACs.
 - Will need to follow up with DWR to determine if projects that address “portions” of DACs would be eligible to apply for planning/design funding.

- North LA/Kern County Regional Recycled Water Project (Construct)
 - Project Proponent: LA County Waterworks District 40
 - Project Cost: \$21.5 M
 - Requested Funding: -
 - DAC Served: Yes
 - Summary: The design portion of the project has been completed. This project will provide recycled water to Lancaster and west side of Palmdale as well as the Powerplant. The Project is currently obtaining easements along Sierra Highway and around the golf course. It is estimated the powerplant will take 3,400 AFY of recycled water (75% capacity). At 100% capacity it could take 4,200 AFY. This project would benefit the entire Valley and would also act as a salt sink.
- Amargosa Creek Pathways (Construction)
 - Project Proponent: City of Lancaster
 - Project Cost: -
 - Requested Funding: -
 - DAC Served: -
 - Summary: The City of Lancaster does not want to submit this project for Prop 84 Round grant funding. This project adds trails around a flood control area, but does not include flood control improvements. This project could potentially seek funding under the next funding cycle.
 - Wanda Deal (EAFB) commented she would be willing to talk with City of Lancaster to form some type of partnership for this project.
- Littlerock Creek S.G. (Construct)
 - Project Proponent: LA County Flood Control District 40
 - Project Cost: \$4 M
 - Requested Funding: -
 - DAC Served: No
 - Summary: This is a stormwater project that proposes to develop a spreading ground facility near the San Gabriel Mountain foothills in order to increase groundwater recharge. Wanda Deal (EAFB) commented this project would affect stream flows into EAFB primarily at Rogers dry lake.
- Big Rock Creek S.G. (Construct)
 - Project Proponent: LA County Flood Control District 40
 - Project Cost: \$9 M
 - Requested Funding: -
 - DAC Served: No
 - Summary: This is a stormwater project that proposes to develop a spreading ground facility near the San Gabriel Mountain foothills to

increase ground water recharge. Wanda Deal (EAFB) commented this project would affect stream flows into EAFB primarily at Rogers dry lake.

9. Implementation Grants: Proposition 84 – Schedule

a. Brian presented the schedule for Prop 84.

- Development of proposal and vetting of projects would need to occur by mid-December.
- A-Team call needs to be scheduled for mid-December to make a final determination on (1) whether to pursue Prop 84 grant funding and (2) whether to participate in a Round 2 grant strategizing session with other Lahontan Funding Area Regions. This mid-December call will be scheduled by RMC.
- If the AV IRWM Region decides to pursue Prop 84 Round 2 funds as a determination of the mid-December call, the AVSWCA would have to obtain authorization from all the RWMG MOU signatories to pay for the grant application. At this time, RMC would commence a request for information from the project proponent(s). This would occur from mid-December to our next Stakeholder meeting on January 16th.
- From mid-January through March 29th (Prop 84 grant deadline) RMC would complete the Prop 84 grant applications.

b. Currently there is one (potentially two) seats available on the A-Team. Wanda Deal (EAFB) asked the group to identify all the A-Team members:

- Municipality: Carlyle Workman
- Water Purveyor: **Need to Fill**
- Ag: Dave Rizzo (**Could be a vacant seat – need to verify**)
- Environmental/Water Quality: Rick Caulkins
- Mutual Water Districts: Vicki Nelson
- Rural Town Council: Bob Large
- Building and Trade: Vicki Medina

10. Additional Comments Made by Stakeholders

- a. Who pays for the grants? The 11 agencies that signed the RWMG MOU (2005) contributed funds to the effort – this pool of money will be used to pay for the grant applications. There is currently approximately \$100K left in the pool of money and approximately \$30K will be used to complete the Prop 1E application for Palmdale Water District. This pool of money is not continuously replenished and will need to have more funds added in by the 11 agencies for future grant applications.
- b. The Lahontan Funding Area potential strategizing session could be advantageous for the region to participate. If other regions have competitive projects during this round, some of the AV projects could be pushed back to Round 3.
- c. Aracely Jaramillo (LACPWW) announced the next Salt/Nutrient Management meeting will take place on January 16th at 11am – right after the next AV IRWM Stakeholder meeting. RMC may schedule the stakeholder meeting from 9 to 10:30 am, the DAC

Committee meeting from 10:30 to 11 am, and the Flood Committee meeting in the afternoon.

11. Next Steps

- a. Next Stakeholder Meeting
 - January 16th at the City of Lancaster EOC Room from 9-10:30am
 - Select prop 84 Projects
 - Accept new projects for the updated IRWM Plan
 - Elect new A-team members
- b. Flood Committee
 - Flood Needs TM will be submitted for review on Dec 7th
 - Next committee meeting will occur after the January 16th stakeholder meeting
- c. DAC Committee
 - DAC TM will be submitted for review on Dec 14th
 - Next committee meeting will occur after the January 16th stakeholder meeting
- d. Implementation Grants
 - Once authorized, RMC will complete the Prop 1E application (Due February 1st)
 - Prop 84 application decision will be finalized mid-December
- e. IRWM Plan Update
 - Section 2 will be submitted for review by mid-January 2013

12. Meeting was adjourned at 10:38 am

ACTION ITEMS:

1. RMC to set-up a call with the A-Team by mid-December
2. RMC to contact project proponents (before the A-Team call) for additional project information and to vet projects for the Prop 84 application
3. RMC to follow-up with DWR to clarify what constitutes a DAC project and to obtain additional detail on requirements for DAC projects
4. RMC to commence work on the Prop 1E grant application as soon as the AVSWCA receives authorization from all 11 RWMG members
5. RMC to inquire with Dave Rizzo to see if he still intends to act as an A-Team member (with assistance of the Stakeholder group)
6. RMC to send out the following TMs for review:
 - a. Flood Needs TM – Dec 7th
 - b. DAC TM – Dec 14th

Agenda

- Welcome and Introductions
- Progress to Date
 - Flood Management
 - DACs
 - Plan Updates
 - Process to Add/Update Projects
 - Climate Change
- Implementation Grants
 - Proposition 1E Update
 - Proposition 84 Update
- Next Steps

RMC

Progress to Date

- Flood Management
 - Task 2.3.2 Flood Needs TM - ready for review this Friday
 - Next Committee meeting in January (after stakeholder meeting)
 - Need to accelerate other deliverables to finish by April 2013
- Disadvantaged Communities
 - Task 2.1.2 DAC Supply, Quality, and Flooding Data TM – next Friday
 - Next Committee meeting in January (after stakeholder meeting)
- IRWM Plan Updates
 - Section 1 - drafted, reviewed by A-Team
 - Section 2 – ready for review by mid-January

RMC

Progress to Date

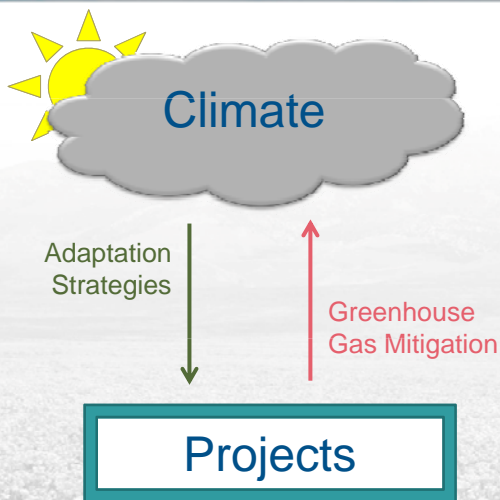
Process to Add/Update Projects in IRWM Plan



1. Need to add new projects and updated projects to both versions of IRWM Plan:
 - Updated 2013 IRWMP
 - Old 2007 IRWMP – for grants
2. The mechanism to do this will be the website and stakeholder approval.
3. Once entered to website, projects will be reviewed by RMC and recommendations made at January 16th Stakeholder meeting for approval.
4. Once stakeholders approve projects, they are considered included in both versions of the IRWM Plan.
5. Projects may be entered by project proponents, but may be more efficient to have LACDPW – Waterworks do it.
6. For grants, project proponents must take action to adopt 2007 IRWM Plan.

Progress to Date

Climate Change Review – Two Components



Progress to Date Climate Change Summary

Vulnerabilities:

1. Even higher summer demands
2. Increased flash flooding
3. Even more need for GW storage
4. Less snowpack, less imported
5. Invasives make situation worse
6. Decreased ecosystem flows
7. Less dilution for pollution


Adaptations:

1. Conservation programs
2. Conveyance improvements
3. Water banks
4. Integrated flood management

Mitigations:

1. Maximize local supply
2. Habitat restoration, carbon sequestration
3. Ag land stewardship
4. Water banks

Need to:
 (1) add to Objectives and Planning Targets
 (2) Incorporate into project prioritization




Progress to Date Climate Change Language Added to Existing Planning Targets:

Water Supply	
Provide reliable water supply to meet the Antelope Valley Region's expected demand between now and 2035	<p style="color: red;">Adapt to additional 7-10% reduction in imported deliveries by 2050, and additional 21-25% reduction in imported deliveries by 2100.</p> <p style="font-size: small;">(Source: <i>Preparing California for a Changing Climate</i>, DWR, 2008)</p>
Flood Management	
Reduce negative impacts of stormwater, urban runoff, and nuisance water	Coordinate a regional flood management plan and policy mechanism by the year 2017 and incorporate adaptive management strategies for climate change
Optimize the balance between protecting existing beneficial uses of stormwater and capturing stormwater for new uses	
Land Use Planning/Management	
Improve integrated land use planning to support water management	Coordinate a regional land use management plan by the year 2017 and incorporate adaptive management strategies for climate change

Progress to Date


New Climate Change Objective and Target:

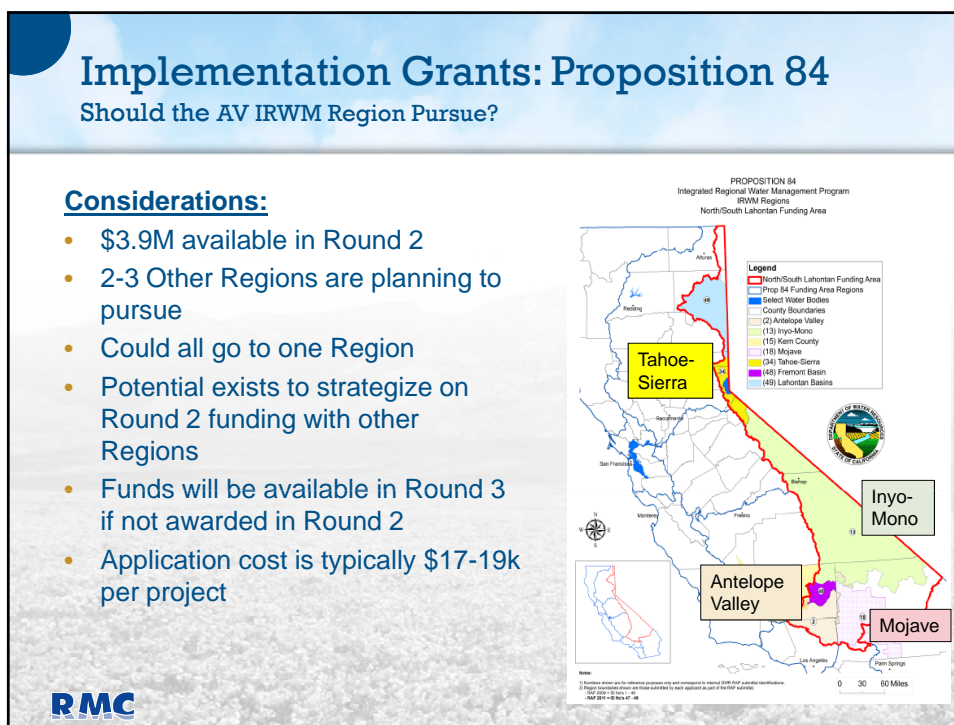
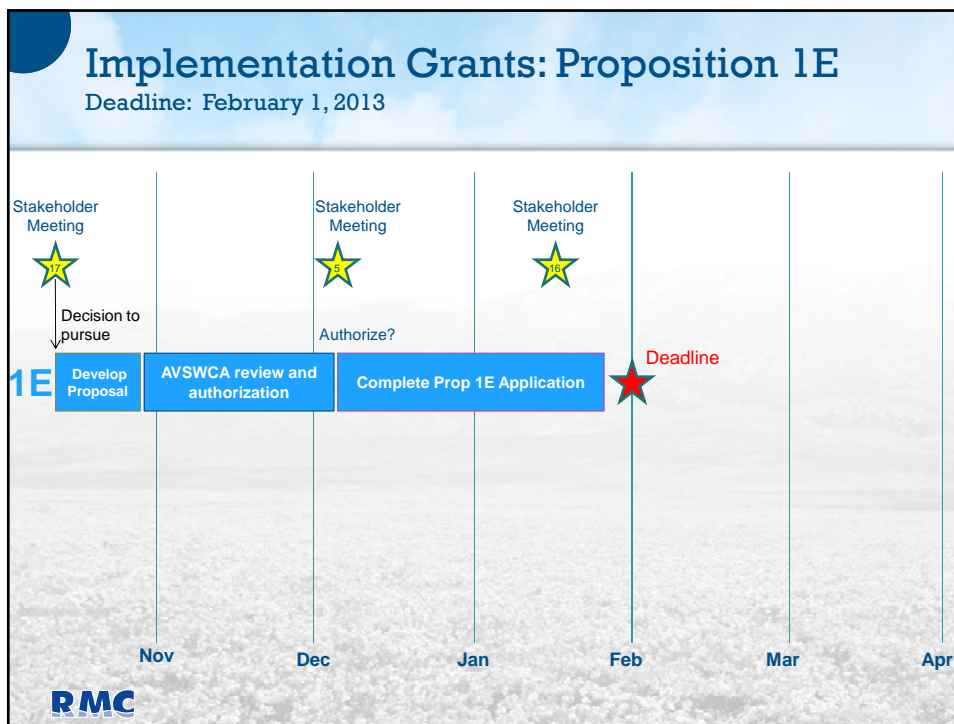
Climate Change Mitigation	
Mitigate against climate Change	Implement “no regret” mitigation strategies, when possible, that decrease GHGs or are GHG neutral



Implementation Grants: Summary of Round 2

	Prop. 1E	Prop. 84
Application Deadline	January 17 th February 1 st	March 15 th March 29 th
Maximum Grant	\$30M (\$92M statewide)	\$3.9M (for Lahontan)
Funding Match	50%	25% (can be waived for DAC projects)
General Requirements	<ul style="list-style-type: none"> •Consistent w/adopted IRWMP •Manage stormwater runoff to reduce flood damage 	<ul style="list-style-type: none"> •Consistent w/adopted IRWMP •Has multiple benefits (supply, flood, reliability, GW management, ecosystem restoration, etc.)
Scoring includes DAC?	No	Yes
Potential Projects (not a complete list)	<ul style="list-style-type: none"> •Littlerock Dam Sediment Removal 	TBD



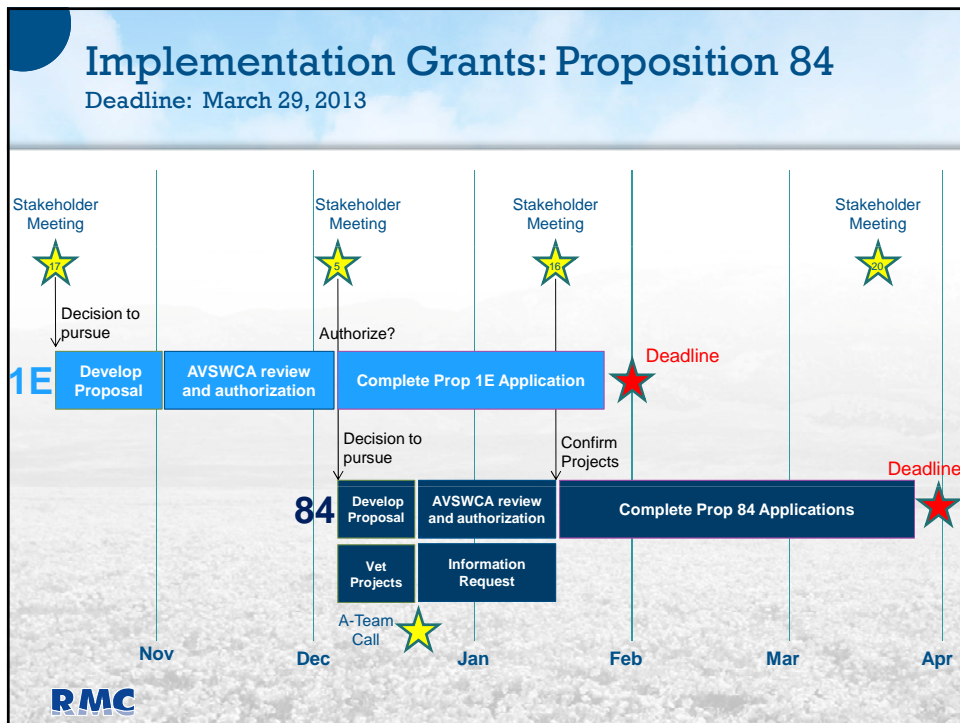


Implementation Grants: Proposition 84

Potential Projects

Project Name	Proponent	Project Cost	Requested Funding	DAC Served
Boron CSD Arsenic Removal Treatment Plant - Design	Boron CSD	\$0.43M	\$427,000	Yes
Palmdale RWA Phase 2 Distribution System – Construct.	Palmdale RW Authority	\$10.0M (\$500k design)		Yes
North LA/Kern County Regional Recycled Water Project – Construct.	LA County Waterworks Dist. 40	\$21.5M		Yes
Amargosa Creek Pathways – Construct.	Lancaster	???		???
Littlerock Creek S.G – Construct.	LA County FCD	\$4.0M		No
Big Rock Creek S.G – Construct.	LA County FCD	\$9.0M		No
	Totals:		\$3.9M	

RMC



Next Steps

- **Stakeholder meeting** – January 16th
 - accept new projects for Plan
 - Select Prop. 84 projects
 - Elect new A-Team members
- **Flood Committee**
 - Flood Needs TM – submit for review Dec. 7th (end of week)
 - Meet after next stakeholder meeting on Jan. 16th
- **DAC Committee**
 - DAC TM – submit for review Dec. 14th (end of next week)
 - Brief meeting after next stakeholder meeting, if needed
- **Implementation Grants:**
 - RMC to complete Prop. 1E application, once authorized
 - Decision on Prop. 84 application
- **IRWM Plan Update**
 - Section 2 – submit for review by mid-January



Open Discussion/Q&A



Courtesy of Richard Caulkins

