

MAC Plan Update

Mokelumne / Amador / Calaveras
Integrated Regional Water Management Plan Update

RPC Meeting No. 8

May 22, 2012
1:00 – 3:30 p.m.

Upper Mokelumne River Watershed Authority



1

Purpose of RPC Meeting #8

- Confirm final policies, goals, objectives, and performance measures
- Finalize project evaluation process and evaluation criteria
- Introduce Impacts and Benefits, and Finance

2

Today's Agenda

- Minutes from RPC Meeting #7
- Policies, Goals, Objectives, and Performance Measures
- Project Evaluation Criteria
- Project Evaluation and Prioritization Process
- Impacts and Benefits, and Finance
- Next Steps

3

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4

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5

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6

Economic Benefit Criterion

Four alternative approaches comply with State Guidelines

7

Economic Benefit Criterion Approach #1: B:C Based on Judgment

Benefit Score	Cost Score	Benefit Cost Ratio (B:C)
Score of 1-3 (1 for low benefit) assigned based on a subjective assessment of info provided	Score of 1-3 (1 for high cost) based on where the project falls in the range of project costs (costs in the highest third score 1, middle third score 2, lowest third score 3)	Calculated by dividing benefit score by cost score. B:C ratios in the lowest third scored 1, middle third scored 2, and top third scored 3

Economic Benefit Criterion Approach #2: B:C Based on Groups of Goals Divided by Total Costs

Benefit Score	Cost Score	Benefit Cost Ratio (B:C)
Score of 1-3 (1 for low benefit) grouped by number of goals addressed	Costs reflect actual or estimated total lifecycle cost	Calculated by dividing benefit score by actual or estimated total lifecycle cost. B:C ratios in the lowest third scored 1, middle third scored 2, and top third scored 3

Economic Benefit Criterion Approach #3: B:C Based on Grouped Goals Divided by Grouped Costs (Comparison of Projects)

Benefit Score	Cost Score	Benefit Cost Ratio (B:C)
Score of 1-3 (1 for low benefit) based on number of goals addressed grouped into equal numbered groups	Score of 1-3 (3 for high cost) based on where the project falls in an equal distribution range of project costs (highest third costs scored 3, lowest third costs scored 1)	Calculated by dividing benefit score by cost score. B:C ratios in the lowest third scored 1, middle third scored 2, and top third scored 3

Economic Benefit Criterion Approach #4: B:C based on Total Goals Divided by Cost Tiers (Minimizes Comparisons)

Benefit Score	Cost Score	Benefit Cost Ratio (B:C)
Score based on total number of goals addressed	Score of 1-3 (1 for high cost) based on range of costs: High = <\$2m = 1 Med = \$2 to \$20m = 2 Low = >\$20m = 3	Calculated by dividing total goals addressed by cost score. B:C ratios of 2.5+ scored High; 1.5 to 2 scored Medium; 0 to 1.4 scored Low

Other Changes to Evaluation Criteria

Refer to Handouts

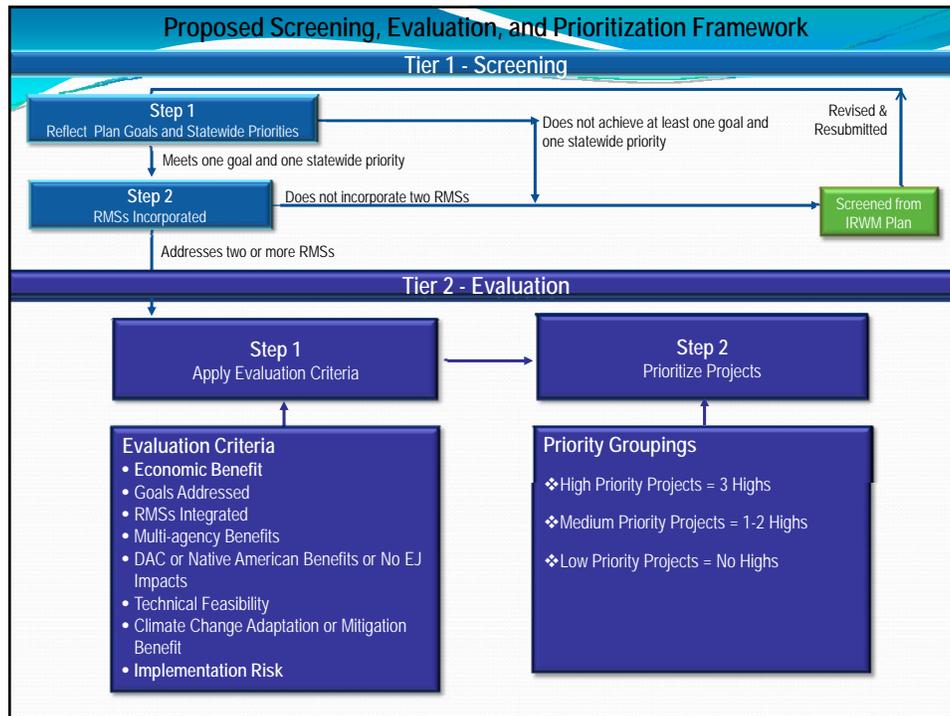
RPC OK with Evaluation Criteria and Process?

13

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14



Any Changes to Process?

- Evaluation Process accounts for goals addressed by the project
 - High = Address 5 or more goals
 - Medium = Address 2 to 4 goals
 - Low = Address less than 2 goals
- All are weighted equally
- Should we add weighting factors and/or prioritize goals?

16

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- Minutes from RPC Meeting #7
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- Project Review Process
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17

Impacts & Benefits

- Discuss potential impacts and benefits of Plan implementation
 - within the MAC Region
 - between regions
 - and those directly affecting DAC, EJ related concerns and Native American tribes

18

Finance

- Include a plan for implementation and financing of projects and Plan implementation & certainty/ longevity of funding.
 - List possible funding sources, programs, grant opportunities
 - List funding mechanisms (e.g. rates)
 - Explain how O&M costs will be funded

19

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20

Next Steps

RPC

- Review draft RPC meeting #8 summary
- Submit new or revised project information forms as available by May 23, 2012 (**tomorrow!**) to Alyson at awatson@rmcwater.com

21

Next Steps

Project Team

- Draft Meeting #8 summary
- Update screening, evaluation, and prioritization of projects
- Revise Project Review Process section of MAC Plan Update

22

Next RPC Meeting

- Wednesday, June 27, 2012 at 1:00 – 3:30 p.m.
- Location: Amador County Administration Building upstairs conference room
- Topic: Revisit Project Details

23

RPC Meeting Schedule

RPC / Community Workshop Meeting	Meeting Topic/Purpose	Meeting Date
CW#1	Introduce MAC Update, solicit RPC participation, review update tasks	21-Oct-08
RPC#1	Review and adopt Outreach Plan and RPC Governing Procedure	22-Jan-09
RPC#2	Review draft IRWM Guidelines, solicit RPC input on UMRWA	26-May-10
RPC#3 and CW#2	1. Plan Update process, schedule and goals 2. Summary of work to date: governance, regional description, coordination, stakeholder involvement, relation to local water planning, regional climate change impacts, etc.	12-Oct-11
RPC#4	Objectives and strategies; project solicitation process	14-Dec-11
RPC#5	Projects submitted, integrated and prioritized	8-Feb-12
RPC#6	Revisit projects integrated and prioritized	21-Mar-12
RPC #7	Revisit policies, goals, objectives, and performance measures	16-Apr-12
RPC#8	Impacts, benefits and financing	9-May-12
→ RPC#9	Revisit project details	27-Jun-12
RPC#10	Implementation plan: schedule, financing, environmental, integration	22-Aug-12
RPC#11/CW #2	Monitoring plan to track MAC Plan performance	26-Sep-12
RPC#12	Climate change; relation to local land use planning	7-Nov-12
RPC#13 and CW#3	Draft plan review and endorsement	23-Jan-13

24