



Coachella Valley
Regional Water Management Group



City of Coachella



DESERT WATER



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Salt and Nutrient Management Planning

Stakeholder Workshop No. 3 Draft Work Plan Review

November 28, 2012

Presenters
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Agenda

- IRWMP Background
- Why Salt Nutrient Management Plans?
- Progress to Date
- Walkthrough of Draft SNMP Work Plan
- Discussion and Questions on Major Items
- Next Steps

IRWMP Background

- Update of Integrated Regional Water Management (IRWM) Plan
- Technical Tasks
 - DAC Water Quality
 - Integrated flood planning
 - Groundwater elevation monitoring
 - Salt and Nutrient Planning

Why Salt Nutrient Management Plans?

- Initial Recycled Water Policy rejected
- Stakeholders prepared proposed policy
- State Adopted 2009 Recycled Water Policy
- Implementation
 - Schedule required May 2014 Plan, 2 year extension option
 - Stakeholder driven plans
 - Some will amend Basin Plans
- Lack of compliance could mean lack of funding



SNMP Planning Phases



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Progress to Date

- Initial discussions on approach/direction held with CVRWMG
 - Layout of Work Plan
 - Initial questions and key considerations discussed
- Initial meeting with RWQCB staff to gain their perspectives
 - Scale of SNMP
 - Process
- Conducted two Stakeholder Workshops (8/22 and 9/26)
 - Reviewed background, purpose, and key elements of SNMP
 - Discussed local water setting and key concerns
 - Reviewed/discussed SNMP work plan elements and approach

Draft SNMP Work Plan: Key Questions to be Covered/Discussed

- Phased approach
 - Phase 1 – Develop Work Plan
 - Phase 2 – Identify salt/nutrient loading and initial strategies
 - Phase 3 – Potential elements:
 - Additional data (if needed)
 - Revision of Beneficial Uses or Basin Plan Objectives needed?
 - CEQA equivalent documentation
- Assumes existing data/assumptions will suffice for Phase 2
- Roles of CVRWMG, Stakeholders, and Technical Team
- Preliminary schedule

Draft Work Plan Outline



Maintain Stakeholder Process

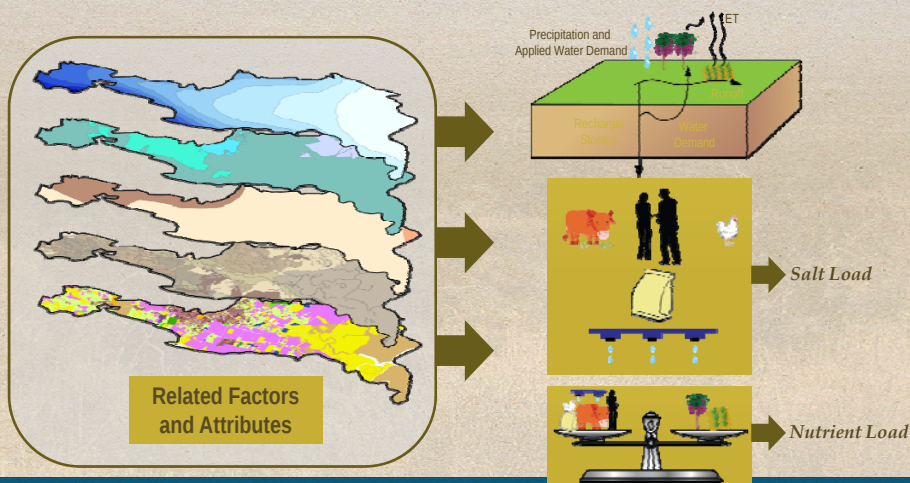
- Purpose: Provide input throughout the development of the SNMP
- Outcome: Consensus on water management objectives, goals of the basin, and final SNMP
- Key considerations
 - Stakeholders already engaged as part of the development of the Work Plan
 - Workshop format
 - Some stakeholders are CVRWGMG members and/or part of the technical team

Conduct Basin Characterization

- Purpose: Identify and characterize the groundwater basin
- Outcomes:
 - Database
 - Characterize basin in terms of water, water quality, etc.
- Key considerations
 - Use existing data only for Phase 2
 - Document current beneficial uses

Conduct Basin Characterization

- Key considerations: GIS-based model



Identify Salt/Nutrient Loading and Trends

- Purpose: Preliminary quantification of salt/nutrient sources/loading
- Outcomes:
 - Mass balance model
 - Source and load maps
 - Estimates on mass loading (existing and projected)
 - Total basin and by sub-basin (where needed)
- Key considerations
 - Historical data vs. assumptions
 - May identify data gaps that need to be addressed in Phase 3

Identify Water Management Goals and Potential Strategies

- Purpose: Identify the goals of the SNMP and potential strategies
- Outcomes:
 - SNMP goals
 - Prioritized list of strategies to address potential water quality concerns
 - Near- vs. long-term strategies
- Key considerations
 - Need consensus on goals and strategies (could include Basin Plan Amendments -> Phase 3)
 - Process to rank/prioritize strategies

Conduct Anti-Degradation Process

- Purpose: Evaluate preferred management strategies
- Outcomes:
 - Identify areas of degradation in existing or future conditions
 - Evaluation of management strategies, including any recommended Basin Plan Amendments (for Phase 3)
- Key considerations
 - Assimilative capacity analysis and current narrative objectives
 - How far into future will “long-term” need to consider?
 - Can we establish water quality conditions pre-1969?
 - What current practices to characterize and include?

Finalize Phase 2 SNMP

- Purpose: Develop implementation plans and finalize SNMP documentation
- Outcomes:
 - Identify metrics and monitoring plan
 - Implementation plan for preferred management strategies
 - Develop Data management, reporting, and auditing process
 - Determine CEQA/NEPA compliance needs
- Key considerations
 - Who will be leading/involved in these future activities?
 - Role of RWQCB versus agencies in implementation
 - What will be scope of Phase 3 SNMP?

Phase 3 SNMP – What Might be Needed?

- Purpose: Finalize basin-wide SNMP
- Outcomes:
 - Conduct supplemental monitoring
 - Update analyses with additional data
 - Update water management goals and strategies
 - Potential Basin Plan Amendments (BPA)
 - Update anti-degradation process with new data/strategies
 - Determine CEQA/NEPA compliance needs
- Key considerations
 - What is effort to develop a BPA? Who will conduct?
 - Role of RWQCB vs. agencies in CEQA/NEPA
 - How will RWCCB “adopt” the SNMP?

Estimated Schedule for Phase 2

- See Handout
- Phase 2 Timeframe
 - 16 months
 - Feb. 2013 -> May 2014 (meets SWRCB timeline)
 - Regional board may approve 2 year extension
- Issues that may delay start of project
 - Finalize SNMP Work Plan (with RWQCB “approval”)
 - Funding
 - Contracting

Next Steps

- Receive final comments by December 5th
- Incorporate changes to Draft Work Plan
- Review by CVRWMG
- Briefing with RWQCB Staff
- Final Review and Approval by CVRWMG
- Present at the January 17th RWQCB Board Meeting

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Recap of Key Recommendations Made

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