

Las Posas Basin Plan Discussion Paper No. 2

Draft Las Posas Basin-Specific Management Plan Outline

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The following draft management plan outline is provided for stakeholder discussion and comment. Please forward any comments to Henry Graumlich at hgraumlich@calleguas.com. Additional opportunities for comment will be available as the plan progresses.

I. Introduction

- A. Context for initiation of basin specific management plan
 - 1. Letter to FCGMA from Calleguas MWD
 - 2. Adoption of Ordinance D
 - 3. Background of Groundwater Management in Basin
- B. Purpose (From Discussion Paper No. 1 Goals)
 - 1. Develop a safe yield groundwater management plan that keeps pumpers on the basin.
 - 2. Provide for the sustainable operation of the Calleguas Aquifer Storage and Recovery Program (ASR).
 - 3. Develop and reclaim saline groundwater in the South and East Las Posas Basins to supplement existing groundwater supplies.
 - 4. Protection water quality.
 - 5. Integrate groundwater management within a regional context that includes inflows from Simi Valley and rising groundwater in the Northern Pleasant Valley Basin, and is consistent with the Salts TMDL
- C. Authority invested in FCGMA by the California Water Code
- D. Interested party involvement and participation
 - 1. Las Posas Users Group – Calleguas MWD
 - 2. FCGMA SAG and TAG
 - 3. FCGMA Board of Directors
 - 4. Public notification and hearings

II. Institutional Setting

- A. FCGMA Ordinances and Adopted Plans
 - 1. Ordinance 8.1
 - a. General provisions
 - b. Special provisions concerns the Las Posas Basins
 - 2. FCGMA Groundwater Management Plan
 - a. Management Plan Strategies
 - b. East Las Posas Basin Management Plan and Calleguas MWD ASR Facility
- B. Calleguas Creek watershed Salt TMDL and watershed stakeholders
- C. Implementation of the Las Posas Basin Specific Management Plan (Prospective)
 - 1. Adoption of Basin-Specific Plan by GMA Board of Directors
 - 2. Revisions to the Ordinance Code

(over)

- III. Groundwater Basin and Hydrogeology [Differentiation between basin management approaches]
 - A. Basin Boundaries
 - 1. West / East
 - 2. East / South
 - B. Aquifers – General Description
 - C. Water budget by sub-basin (Lower Aquifer System)
 - 1. Sources – Recharge Areas
 - 2. Sinks – Discharge Areas
 - 3. Basin Yield
 - D. Water Quality (Lower Aquifer System)
 - 1. Distribution and sources of impaired water
 - 2. Migration / threats to beneficial uses
 - E. Unconfined aquifer (ELP and SLP)
 - 1. Nature and extent
 - 2. Water quality
 - 3. Storage / water budget
 - 4. Technical understanding for proposed reclamation approaches
 - F. Modeling
 - 1. USGS RASA study model with modifications
 - 2. UCLA Model
- IV. Basin Management Objectives (Update from GMA Plan)
- V. Existing infrastructure
- VI. Groundwater Issues (Examples listed below)
 - A. Reaching sustainable safe yield
 - B. Protection sources of recharge
 - C. Protecting and mitigating water quality
 - D. ASR Project: protecting water quality and status of basin without stored water
- VII. Management Strategies
 - A. Historical
 - 1. Monitoring
 - 2. Groundwater Storage
 - 3. Wellhead Protection
 - 4. Cooperation among Agencies, Stakeholders
 - 5. Demand management under FCGMA Ordinance
 - B. Proposed Basin-Specific Management Plan
 - 1. Demand management
 - 2. Remove and Treat Poor Quality Groundwater
 - 3. Supplemental Water to Achieve Safe Yield
 - 4. Periodic Basin Reports
 - 5. Periodic Update of Plan
 - C. Research Agenda
 - D. Monitoring and Continuing Evaluation
- VIII. Tasks and Timeline
- IX. References