

Las Posas Basin Plan Discussion Paper No. 4

Draft Issue Identification List for Technical and Strategic Evaluation

Reference: Discussion Papers No. 2 Plan Outline, and No. 3 Plan Schedule

July 22, 2009, Draft and Subject to Change, HG/BB

The plan outline (Discussion Paper No. 2) identified topics to be described in the basin-specific management plan. The plan schedule (Discussion Paper No. 3) further divided the plan topics into administrative, technical, and strategic area. This discussion paper identifies a draft list of topics for future discussion papers. Please forward any comments to Henry Graumlich at hgraumlich@calleguas.com. Additional opportunities for comment will be available as the plan progresses.

I. Topics for technical evaluation

- A. Basin and outcrop boundaries – technical considerations
- B. Water quality
 - 1. Distribution and sources of impaired water
 - 2. Migration and threats to beneficial uses
- C. Basin yields (definition, methods, estimates)
 - 1. Lower aquifer system (West, East and South Las Posas Basins)
 - 2. Unconfined aquifer (East and South Las Posas Basins)
- D. Yield enhancement by enhanced management of unconfined aquifer
- E. Inter-basin transfers
- F. Data gaps, monitoring program, and on-going evaluation

II. Topics for Strategic Evaluation

- A. Basin and outcrop boundaries – non-geological considerations for groundwater management
- B. Coordination of basin-specific management with Fox Canyon GMA ordinance code and groundwater management plan
- C. Level of technical evaluation necessary for decision making and adaptive management
- D. Allocation of basin yield
- E. Development of supplemental water
 - 1. Reclamation of poor quality groundwater
 - 2. Enhanced management to increase groundwater recharge
- F. Operation of Calleguas MWD Aquifer Storage and Recovery Project in context of basin management