



Alan C. Lloyd, Ph.D.
Agency Secretary



Arnold Schwarzenegger
Governor

State Water Resources Control Board

Division of Water Rights

1001 I Street, 14th Floor ♦ Sacramento, California 95814 ♦ 916.341.5300
Mailing Address: P.O. Box 2000 ♦ Sacramento, California 95812-2000
FAX: 916.341.5400 ♦ www.waterrights.ca.gov

APPLICATION NO. _____
(Leave blank)

UNDERGROUND STORAGE SUPPLEMENT to APPLICATION TO APPROPRIATE WATER BY PERMIT

1. State amount of water to be diverted to underground storage from each point of diversion in item 3b of form APP.

a. Maximum Rate of diversions (1) 75 (2) _____ (3) _____ cfs
b. Maximum Annual Amount (1) 2,591 (2) _____ (3) _____ acre-feet

2. Describe any works used to divert to offstream spreading grounds or injection wells not identified in item 7 of form APP.

On-Stream Weir.

3. Describe spreading grounds and identify its location and number of acres or location of upstream and downstream limits if onstream.

Contiguous Off-Stream Ponds, consisting of 150-Acres of
Recharge Ponds.

4. State depth of groundwater table in spreading grounds or immediate vicinity:

322 feet below ground surface on 4/19/05 measured at a point located
within the South 1/2 of Section 4, T 10S, R 6E, SB B&M

5. Give any historic maximum and or minimum depths to the groundwater table in the area.

Location _____ Maximum _____ feet below ground surface on _____ (date)
Location _____ Maximum _____ feet below ground surface on _____ (date)

6. Describe proposed spreading operation. Storage activity will be accomplished
by spreading basins

7. Describe location, capacity and features of proposed pretreatment facilities and/or injected wells. Holding basins will be located off-channel.

8. Reference any available engineering reports, studies, or data on the aquifer involved.

USGS Open-File Report 82-885 and 87-4199 DWR-TIR-1335-45-1-A
and 1335-11-B-1.

9. Describe underground reservoir and attach a map or sketch of its location. The
aquifer is composed of highly permeable granitic alluvial materials
The aquifer is unconfined and is one of three aquifers present

underlying The Borrego Valley.* See Figure 2A for Aquifer location and Figure
2B for Cross-Section depicting subsurface extent of Aquifer

10. State estimated storage capacity of underground reservoir. Area aquifer within
two miles of recharge basins to west and one mile to south is
78,720 Acre-feet while projecting for a water surface 100feet
below ground surface.

11. Describe existing use of the underground storage reservoir and any proposed change in its
use. The aquifer is used for residential and agricultural purposes
in The Borrego Valley.

12. Describe the proposed method and location of measurement of water placed into and
withdrawn from underground storage. Measuring device on diversion
structure for recharge amount.

Flow meter on Borrego Water District well of point of Discharge.