

STATE WATER RESOURCES CONTROL BOARD  
2008 JUL -3 PM 2:23  
DIVISION OF WATER RIGHTS  
SACRAMENTO

**PETITION FOR CHANGE**  
(WATER CODE 1700)

Application   x   Point of Diversion,    Point of Rediversion,    Place of Use,    Purpose of Use  
27614B Permit 20808 B License    Statement or Other   

I (we) hereby petition for change(s) noted above and shown on the accompanying map and described as follows:

**Point of Diversion or Rediversion** (Give coordinate distances from section corner or other ties as allowed by Cal CR 715, and the 40-acre subdivision in which the present & proposed points lie.)

Present New Los Padres Dam, San Clemente Dam, and Carmel Valley wells (see attachment.1)  
Proposed Add San Clemente Dam as Point of Diversion and two points of injection and recovery (see attachment 2)

**Place of Use** (If irrigation then state number of acres to be irrigated within each 40-acre tract.)

Present All lands within Monterey Peninsula Water Management District boundary  
Proposed No Change

**Purpose of Use**

Present Municipal, irrigation, and fish and wildlife preservation and enhancement  
Proposed No Change

Does the proposed use serve to preserve or enhance wetlands habitat, fish and wildlife resources, or recreation in or on the water (See WC 1707)? YES

GIVE REASON FOR PROPOSED CHANGE: Operation of groundwater injection and recovery project

WILL THE OLD POINT OF DIVERSION OR PLACE OF USE BE ABANDONED? NO

WATER WILL BE USED FOR Municipal, irrigation, and fish and wildlife preservation & enhancement PURPOSES.

I (we) have access to the proposed point of diversion or control the proposed place of use by virtue of? written agreement

Are there any persons taking water from the stream between the old point of return flow and the new point of return flow? N/A

If by lease or agreement, state the name and address of party(s) from whom access has been obtained.  
California American Water

P.O. BOX 951, Monterey, CA 93942

Give name and address of any person(s) taking water from the stream between the present point of diversion or rediversion and the proposed point of diversion or rediversion, as well as any other person(s) known to you who may be affected by the proposed change.

None

**THIS CHANGE DOES NOT INVOLVE AN INCREASE IN THE AMOUNT OF THE APPROPRIATION OR SEASON OF USE.**

I (we) declare under penalty of perjury that the above is true and correct to the best of my (our) knowledge and belief.

Dated June 27, 20 08 at Monterey, California

Darby W. Fuerst (831) 658-5650  
Signature(s) Telephone No.

Darby Fuerst  
General Manager

NOTE: A \$1,000 fee, for each Application listed, made payable to the State Water Resources Control Board and an \$850 fee made payable to the Department of Fish and Game must accompany a petition for change.

7/22/08 LFD  
3,283.00 + \$1867.00  
7/3/08  
\$850.00 DFB  
JF

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demands and cut your energy costs, see our web-site at: <http://waterrights.ca.gov>.



Alan C. Lloyd, Ph.D.  
Agency Secretary

PETITION FOR CHANGE  
APPLICATION 27614 B  
PERMIT 20808 B



Arnold Schwarzenegger  
Governor

# State Water Resources Control Board

## Division of Water Rights

1001 I Street, 14<sup>th</sup> 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) 8.0 cfs (2) \_\_\_\_\_ (3) \_\_\_\_\_ cfs
  - b. Maximum Annual Amount (1) 2,900 AF (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.
  - a. California American Water diversion, treatment, and transmission system for the Monterey Peninsula area
  - b. Injection and recovery wells in Seaside Groundwater Basin
  
3. Describe spreading grounds and identify its location and number of acres or location of upstream and downstream limits if onstream.
 

N/A
  
4. State depth of groundwater table in spreading grounds or immediate vicinity: N/A  
 \_\_\_\_\_ feet below ground surface on \_\_\_\_\_ 19 \_\_\_\_\_ measured at a point located within the \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4 of Section \_\_\_\_\_, T \_\_\_\_\_, R \_\_\_\_\_, \_\_\_\_\_ B&M
  
5. Give any historic maximum and or minimum depths to the groundwater table in the area.
 

Location	<u>Paralta Well</u>	Maximum	<u>391</u>	feet below ground surface on	<u>5/27/99</u>	(date)
Location	<u>Playa #3 Well</u>	Maximum	<u>50</u>	feet below ground surface on	<u>4/26/01</u>	(date)
		Well Minimum				
  
6. Describe proposed spreading operation. N/A
  
7. Describe location, capacity and features of proposed pretreatment facilities and/or injected wells.
  - a. Begonia Iron Removal Plant in Carmel Valley-maximum capacity 55 AF/day
  - b. Two injection and recovery wells in Seaside Basin-maximum combined capacity 16 AF/day (8.0 cfs)

Additional copies of this form and water right information can be obtained at [www.waterrights.ca.gov](http://www.waterrights.ca.gov).

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

- a. Fugro West, Inc., 1997. "Hydrogeologic Assessment, Seaside Coastal Groundwater Subareas, Phase III Update."  
(see below for additional reports)

9. Describe underground reservoir and attach a map or sketch of its location. Seaside Groundwater Basin covers approximately 19 square miles underlying most of the City of Seaside and a portion of the former Fort Ord Military Reservation. The basin contains two main aquifer units, the Paso Robles Formation and the Santa Margarita Sandstone. See sheet 2 of the Project Map for location of the basin.

10. State estimated storage capacity of underground reservoir. \_\_\_\_\_  
The storage capacity available in the area of this project is estimated to be up to 35,000AF

11. Describe existing use of the underground storage reservoir and any proposed change in its use. Seaside Grounwater Basin is presently used for municipal water supply. No change in its use is proposed.

12. Describe the proposed method and location of measurement of water placed into and withdrawn from underground storage. \_\_\_\_\_

- a. Method of flow measurement - All wells will be equipped with flow meters.  
b. Method of water level measurement - Production and dedicated monitor wells will be used to collect water level records.  
c. Location - The injection recovery wells and all monitor wells are located within the Seaside Groundwater Basin.

8. b. Yates, Feeney & Rosenberg, April 14, 2005, "Seaside Groundwater Basin: Update on Water Resource Conditions"

- c. Pueblo Water Resources, February 2008. "Summary of Operations, Well Construction and Testing, Santa Margarita Test Injection Well No. 2"