TYPE OR PRINT IN BLACK INK (For instructions, see booklet. "How to File an Application to Appropriate Water in California")



California Environmental Protection Agency

State Water Resources Control Board Division of Water Rights P.O. Box 2000. Sacramento, CA 95812-2000 Tel: (916) 341-5300 Fax: (916) 341-5400 www.waterrights.ca.gov

APPLICATION NO. ______

APPLICATION TO APPROPRIATE WATER

SECTION A: NOTICE INFORMATION

1. APPLICANT/AGEI	NT
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			APPLICAI	TM		ASSIGN	ED AGENT (if a	ny)
	Name	Monterey Pe	eninsula W	/ater				
		Managemer	nt District			······································		
	Mailing Address	PO Box 85		*****				
	City, State & Zip	Monterey, C	A 93942					
	Telephone	(831) 658-56						
	Fax	(831) 644-956		 _				
	E-mail	andy@mpwn		10			 	
2.	OWNERSHIP I Sole Owner Limited Partne Corporation Please provide a copy of	NFORMATION ership*	N (Please ch I Limited Lis I Business T I Joint Venta	neck type of or ability Compar rust	wnership.) ny (LLC)	□ Husba	al Partnership* nd/Wife Co-O Public Age	wnership
3.	PROJECT DE type of construction	SCRIPTION ion activity, area Attachment 1.	to be graded	letailed descrip d or excavated	otion of your program and how the v	roject, inclu vater will b	ding, but not li e used.)	mited to,
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	For continuation	see Attachment No.	ı					
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8/26/050 \$61,500.00 \$61,450.00

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SECTION B: MISCELLANEOUS DIVERSION INFORMATION

1. JUSTIFICATION OF AMOUNTS REQUESTED

	CROP	ACRES	METHOD OF	IRRIGATION	WATER USE	SEASON OF	WATER USE
			(sprinklers, 1	looding, etc.)	(Acre-feet/Yr.)	Beginning date (month & day)	
	Attachment No.	-					
Nu Are	mber of peopl ea of domestic	le to be served: : lawns and gard	nces to be served: Estir	nated daily use square fe	per person is:	gs	allons per day
			(dust control a				The sale of the sa
c. 🛘 De	STOCKWAT	ERING: Kind (of stock:	 	Maximum i	number:	
DC	serioe type or	орстаноп.		(feedlot, o	lairy, range, etc.)	1128	781.04
d. □	RECREATIO	NAL: Type of	recreation: 🗆 Fi	shing 🗆 Swim	ming 🛚 Boatin	g 🛮 Otheт _	
e. 🗆 :	MUNICIPAL:						
List fo	POPULAT r 5-year periods un	TION til use is completed	MAXIMUN	MONTH		ANNUAL USE	
P	eriod	Population	Average daily use (gallons per capita)		Average daily use (gallens per capita)		Total (acre-feet)
Pn	esent						
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1 🔲 1	HEAT CONTI- be of crops pro	∛OL: Area to b tected:	use:		_ net acres		
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for each existing right claimed, state the source, year of first use, purpose, season and location of the point of diversion (to within quarter-quarter section). Include number of registration, parmit license, or electromagnet of	☐ Percola	ting groundv	vater 🗆	Adjud	licated	☐ Othe	r (speci	fv)_					.* a -	
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APP 04/04

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	water diversion and use, if applicable. N/A
c.	List any related applications, registrations, permits, or licenses located in the proposed place of use or that utilize the same point(s) of diversion? License 11866 (California-American Water); Permit 7130E and Permit 20808 (Monterey Peninsula Water Management District) Sec strachment No
Αı	THER SOURCES OF WATER e you presently using, or do you intend to use, purchased water or water supplied by contract in connection the this project? Yes No If yes, please explain:
М	AP REQUIREMENTS
The local rate of go (1) jur	e Division cannot process your application without accurate information showing the source of water and cation of water use. You must include a map with this application form that clearly indicates the township, age, section and quarter/quarter section of (1) the proposed points of diversion and (2) the place of use. A copy a U.S.G.S. quadrangle/topographic map of your project area is preferred, and can be obtained from sporting ods stores or through the Internet at http://topomaps.usgs.gov. A certified engineering map is required when appropriating more than three cfs by direct diversion. (2) constructing a dam which will be under the isdiction of the Division of Safety of Dams. (3) creating a reservoir with a surface area in excess of ten acres of appropriating more than 1000 acre-feet per annum by underground storage. See the instruction booklet for are information. The project map, titled "Seaside Basin Pilot Test Injection/Storage Project" at See Attachment No. dated August 1997, is on file with the Division of Water Rights under Applicated T30676/Permit 20963.
	SECTION C: ENVIRONMENTAL INFORMATION
em ocia stio	ad for your project, a determination must be made of who is responsible for its preparation. If the SWRCB is included to be responsible for preparing the CEQA document, the applicant will be required to pay all costs ted with the environmental evaluation and preparation of the required documents. Please answer the following to the best of your ability and submit with this application any studies that have been conducted regarding ironmental evaluation of your project.
	OUNTY PERMITS Contact your county planning or public works department and provide the following information
а.	Contact your county planning or public works department and provide the following information: Person contacted: Finda Weiland Date of contact: Finda Weiland
	Person contacted: Linda Weiland Date of contact: July 16, 1997 Department: Monterey County Planning Department Telephone: (831) 755-5306 County Zoning Designation:
	County Zoning Designation: Are any county permits required for your project? YES NO If YES, check appropriate box below: Grading permit Use permit Watercourse Obstruction permit Change of zoning General plan change Other (explain):
	Have you obtained any of the required permits described above? YES INO If YES, provide a complete copy of each permit obtained. See Attachment No.
ST a,	Check any additional state or federal permits required for your project: ☐ Federal Energy Regulatory Commission ☐ U.S. Forest Service ☐ U.S. Bureau of Land Management ☐ U.S. Corps of Engineers ☐ U.S. Natural Res. Conservation Service ☐ Calif. Dept. of Fish and Game ☐ State Lands Commission ☐ Calif. Dept. of Water Resources (Div. of Safety of Dams) ☐ Calif. Coastal Commission ☐ State Reclamation Board ☐ Other (specify)
	The Commission of State Regulation From the Office (specify)
h	For each agency from which a permit is required, provide the following information:
<u>b_</u>	For each agency from which a permit is required, provide the following information: AGENCY PERMIT TYPE PERSON(S) CONTACTED CONTACT DATE TELEPHONE NO.
b.	
b.	

	or would significantly alter the bcd, bank, or riparian habitat of any stream or lake? YES X NO If YES, explain:
đ	☐ See Attachment No
TE	NVIRONMENTAL DOCUMENTS
a. c.	Has any California public agency prepared an environmental document for your project? XYES \(\sigma\) NO If YES, submit a copy of the latest environmental document(s) prepared, including a copy of the notice of determination adopted by the California public agency. Public agency: Monterey Peninsula Water
a.	If NO, check the appropriate box and explain below, if necessary: Management District The applicant is a California public agency and will be preparing the environmental document.* I expect that the SWRCB will be preparing the environmental document.** I expect that a California public agency other than the State Water Resources Control Board will be
	preparing the environmental document.* Public agency: M. See Attachment No. 5
	* Note: When completed, submit a copy of the <u>final</u> environmental document (including notice of determination) o notice of exemption to the SWRCB. Division of Water Rights. Processing of your application cannot proceed un these documents are submitted.
	** Note: CEQA requires that the SWRCB, as Lead Agency, prepare the environmental document. The information contained in the environmental document must be developed by the applicant and at the applicant's expense under the direction of the SWRCB, Division of Water Rights.
XX.	ASTE/WASTEWATER
	with your project, during constitution of operation, (1) generate waste or wastewater confaining such things
	Will your project, during construction or operation, (1) generate waste or wastewater containing such things sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimental TYES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.):
	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimental TYES KNO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.):
	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimental TYES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No
b.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimental TYES XNO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No.
b. с.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimenta YES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No Will a waste discharge permit be required for your project? YES M NO
	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimenta YES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No Will a waste discharge permit be required for your project? YES NO Person contacted: Date of contact: What method of treatment and disposal will be used?
C.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimental TYES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No Will a waste discharge permit be required for your project? TYES NO Person contacted: Date of contact: What method of treatment and disposal will be used? See Attachment No
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c. AI a. b.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimenta I YES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No
c. AI a. b.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimenta YES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No
c. AI a. b. c.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimental YES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No
AII a. b. c.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimentally YES XNO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality College Board for the following information (See instruction booklet for address and telephone no.): See Attachment No Will a waste discharge permit be required for your project? YES XNO
AI a. b. c.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimental [] YES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (Sec instruction booklet for address and telephone no.): See Attachment No
AI a. b. c.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimental [] YES XNO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No
AI a. b. c.	sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimental [] YES NO If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Co Board for the following information (See instruction booklet for address and telephone no.): See Attachment No

SECTION D: SUBMITTAL FEES

Calculate your application filing fee using the "Water Right Fee Schedule Summary" that was enclosed in the application packet. The "Water Right Fee Schedule Summary" can also be viewed at the Division of Water Rights website (www.waterrights.ca.gov).

A check for the application filing fee, payable to the "Division of Water Rights" and an \$850 check for the environmental review fee, payable to the "California Department of Fish and Game," must accompany this application. All applicable fees are required at the time of filing. Your application will be returned to you if it is not accompanied by all required fees.

SECTION E: DECLARATION AND SIGNATURE

I declare under penalty of perjury that all information provided is true and correct to the best of my knowledge and belief. I authorize my agent, if I have designated one above, to act on my behalf regarding this water right application.

Clustrew M.	District Engineer	August 25 2005
Signature of Applicant Andrew M. Bell	Title or Relationship	Date

Signature of Co-Applicant (if any)

Title or Relationship

Date



"APPLICATION TO APPROPRIATE WATER" CHECKLIST

Before you submit your application, be sure to:

- Answer each question completely in Sections A. B. and C.
- Number and include all necessary attachments.
- Include a legible map that meets the requirements discussed in the instruction booklet (Item B6).
- Include the Water Availability Analysis or sufficient information to demonstrate that there is reasonable likelihood that unappropriated water is available for the proposed appropriation (Item A6).
- Include three complete sets of color photographs of the project site (Item C6).
- Enclose a check for the required fee, payable to the Division of Water Rights, as specified in Section D.
- Enclose a \$850 check for the environmental review fee, payable to the Department of Fish and Game, as specified in Section D.
- Sign and date the application in Section E.

Send the original and one copy of the entire application to:

State Water Resources Control Board Division of Water Rights P.O. Box 2000 Sacramento, CA 95812-2000

APPLICATION TO APPROPRIATE WATER

SECTION A: NOTICE INFORMATION ITEM 3. PROJECT DESCRIPTION

SEASIDE BASIN TEST INJECTION WELL PROJECT

The Monterey Peninsula Water Management District (MPWMD) proposes to divert surplus water from the Carmel River Basin for underground injection and storage in the Seaside Ground Water Basin, as part of a feasibility project during the Water Year (WY) 2006 precipitation season. This is a continuation of the pilot feasibility project conducted by MPWMD upon completion of the Paso Robles Test Injection Well (PRTIW) in May 1998. Testing at the PRTIW was conducted during four recharge seasons (WYs 1999 through 2002). A second test well, the Santa Margarita Test Injection well (SMTIW), was completed in April 2001. Testing at the SMTIW was conducted during four recharge seasons (WYs 2002 through 2005). The proposed test project will utilize the existing Carmel River diversion, treatment, and transmission facilities owned and operated by California American Water (Cal-Am) to transport treated surface and subsurface water from the Carmel River to one or more of three injection wells located within Cal-Am's production wellfield in the Seaside Basin. The three injection wells are the PRTIW, the SMTIW, and the Ord Grove #1 Well, an inactive Cal-Am production well. The production and distribution systems for the two basins are linked via the existing Cañada de la Segunda pipeline, which is a 16- to 30-inch diameter water transmission line approximately 3 miles long, extending from Carmel Valley to the Seaside portion of the Cal-Am distribution system at Highway 68 southeast of the City of Seaside.

Under the test project, up to 3.5 cubic feet per second (1,500 gallons per minute) will be diverted from the Carmel River to underground storage in the Seaside Basin, for a maximum of 650 acre-feet during the winter and spring high flow months. The proposed season of diversion is December 1 through May 31. Diversions will only be made during periods when there is adequate instream flow. The minimum instream flow requirements will be as described in Condition 7 of Temporary Permit 21168, the permit issued for WY 2005. These flows are consistent with the instream flow requirements presented in the report titled <u>Instream Flow Needs for Steelhead in the Carmel River, Bypass flow recommendations for water supply projects using Carmel River waters</u> (National Marine Fisheries Service, Southwest Region, Santa Rosa Field Office, June 3, 2002).

The water will be used for groundwater recharge. Injection testing will be performed to determine the rate of injection, fate of injected water, and possible chemical interaction between the injected water and the native groundwater. It is also planned to conduct recovery testing of the SMTIW to determine recovery efficiency and quality characteristics of the recovered water.

APPLICATION TO APPROPRIATE WATER

SECTION A: NOTICE INFORMATION ITEM 5. SOURCES AND POINTS OF DIVERSION AND REDIVERSION

POINTS OF DIVERSION

San Clemente Dam

Point is approximately 1,700 feet North, 100 feet East of the SW corner of Section 24, T.17S., R.2E., MDB&M. Point is within the NW 1/4 of SW 1/4 of Section 24.

Carmel Valley Aquifer

Points are 19 wells owned by California-American Water Co. that are integrated into the production and distribution system delivering water from Carmel Valley. A listing of the wells and their locations is given on the following page.

POINTS OF INJECTION TO UNDERGROUND STORAGE

<u>Paso Robles Test</u> <u>Injection Well (PRTIW)</u>

Point is approximately 100 feet South, 1,200 feet West of the NE corner of projected Section 23, T.15S., R.1E., MDB&M. Point is within the NE 1/4 of NE 1/4 of projected Section 23.

Santa Margarita Test Injection (SMTIW) Point is approximately 200 feet South, 500 feet West of the NE corner of projected Section 23, T.15S., R.1E., MDB&M. Point is within the NE 1/4 of NE 1/4 of projected Section 23.

Ord Grove #1 Well

Point is approximately 900 feet South, 2,200 feet West of the NE corner of projected Section 23, T.15S., R.1E., MDB&M. Point is within the NW 1/4 of NE 1/4 of projected Section 23.

LOCATIONS OF WELLS IN CARMEL VALLEY AQUIFER (POINTS OF DIVERSION)

	Common Name	Approximate Coordinate Distances From Section Corner	Section	Township	Range
1.	Cañada	2,000' N, 2,000' E of SW corner	17	16 S	1 E
2.	San Carlos	1,700' N, 900' W of SE corner	17	16 S	1 E
3.	Cypress	2,200' S, 600' E of NW corner	22	16 S	1 E
4.	Pearce	2,500' S, 2,200' E of NW corner	22	16 S	1 E
5.	Schulte	2,300' S, 100' E of NW corner	23	16 S	1 E
6.	Manor #2	2,000' N, 2,100' E of SW corner	23	16 S	1 E
7.	Begonia #2	1,300' N, 300' E of SW corner	24	16 S	1 E
8.	Berwick #7	200' N, 800' E of SW corner	24	16 S	1 E
9.	Berwick #8	300' N, 1,700' E of SW corner	24	16 S	1 E
10.	Scarlett #8	400' N, 900' E of SW corner	19	16 S	2 E
11.	Los Laureles #5	1,700' N, 2,500' W of SE corner	29	16 S	2 E
12.	Los Laureles #6	900'N, 700' W of SE corner	29	16 S	2 E
13.	West Garzas #4	2,200' N, 2,000' E of SW corner	33	16 S	2 E
14.	Garzas Creek #3	500' N, 1,900' W of SE corner	33	16 S	2 E
15.	Panetta #2	800' S, 200' E of NW corner	3	17 S	2 E
16.	Panetta #1	1,000' S, 100' E of NW corner	3	17 S	2 E
17.	Robles #3	600' S, 100' W of NE corner	10	17 S	2 E
18.	Russell #4	0' S, 800' W of NE corner	14	17 S	2 E
19.	Russell #2	400' S, 800' W of NE corner	14	17 S	2 E

Notes: All townships are referenced to Mount Diablo Base Line and Meridian.
All sections are projected, except for the location of San Clemente Dam.

COORDINATES OF POINTS OF DIVERSION AND INJECTION TO UNDERGROUND STORAGE

Point of Diversion/ Injection	California Coordinate System Northing	of 1927 (CCS27) California Zone 4 <u>Easting</u>
Dam/Reservoir		
San Clemente Dam	412,600 feet North	1,203,650 feet East
Wells in Carmel Valle	ey Aquifer	
1. Cañada	451,600	1,153,800
2. San Carlos	451,250	1,156,600
3. Cypress	447,200	1,163,250
4. Pearce	446,950	1,164,750
5. Schulte	447,000	1,167,850
6. Manor #2	446,050	1,169,950
7. Begonia #2	445,100	1,173,350
8. Berwick #7	444,050	1,173,900
9. Berwick #8	444,100	1,174,700
10. Scarlett #8	444,100	1,179,200
 Los Laureles #5 	439,900	1,187,200
12. Los Laureles #6	439,100	1,188,050
13. West Garzas #4	434,850	1,190,800
14. Garzas Creek #3	433,200	1,191,650
15. Panetta #2	431,700	1,193,350
16. Panetta #1	431,550	1,193,250
17. Robles #3	426,700	1,198,100
18. Russell #4	421,400	1,202,650
19. Russell #2	421,000	1,202,650
Points of Injection to	Underground Storage	
Paso Robles Test In	iection	
Well (PRTIW)	480,600	1,173,300
2. Santa Margarita Tes	t Injection	
Well (SMTIW)	480,550	1,173,700
3. Ord Grove #1		
Well	479,850	1,172,150

Application for Temporary Permit, Water Year 2006 U:\Andy\wp\wrts\appssinj.082005.att2.doc

NOTICE OF EXEMPTION

TO:

Office of Planning and Research 1400 Tenth Street, Room 121 Sacramento, CA 95814 FROM: Monterey Peninsula Water Mgt. Dist. PO Box 85
Monterey, CA 93942-0085

XX County Clerk--County of Monterey
P.O. Box 29
Salinas, CA 93902

Project Title:

Water Year 2006 Seaside Basin Test Injection Well Project

Project Location - Specific: 220 feet east of General Jim Moore Boulevard and 485 feet south of

Eucalyptus Rd., Presidio of Monterey Annex (former Fort Ord)

Project Location -- City: Seaside (SOI) County: Monterey

Description of Nature, Purpose and Beneficiaries of Project: This is a temporary project to further investigate the feasibility of the ground water injection-recovery concept in the Seaside Ground Water Basin. Excess winter flow from the Carmel River will be treated to meet drinking water standards, then transported to the Seaside Basin via the existing California-American Water Company (Cal-Am) pipeline that connects the Carmel Valley and Seaside distribution systems. A full-scale test well (and associated pipeline, valves and power) has been installed into the Santa Margarita Sandstone aquifer zone. Up to 650 acre-feet of water could be injected during the winter rainy season, depending on weather and resultant river flow conditions. After the rainy season, the injected water will be pumped into the Cal-Am distribution system to test recovery efficiency. Extensive monitoring of water levels and quality will be carried out as part of the testing project. The project beneficiaries are Monterey Peninsula water consumers; the project (if successful) could lead to a long-term water supply project that would help Cal-Am and the community meet the requirements of State Water Resources Control Board Order WR 95-10.

Name of Public Agency Approving Project: Monterey Peninsula Water Management District (MPWMD)

Name of Person or Agency Carrying Out Project: MPWMD

Exempt Status:

 \underline{X} Statutory Exemption (Sec. 15262); Feasibility and Planning Studies

Reason(s) Why Project Is Exempt: This is a temporary feasibility and planning study to determine whether a permanent, long-term project should be pursued.

Agency Contact Person

Area Code

Telephone

Extension

Andrew Bell

83.

658-5620

n/a

David A. Berger, MPWMD Project Manager

Date