NOLAND HAMERLY

EXHIBIT 14-L

Attorneys at Law A PROFESSIONAL CORPORATION

WWW.NITEH.COM E-MAIL CGIANASCOL@NIIEH.COM 831-424-1414 EXT. 271

Harry L. Noland (1904-1991)

Paul M. Hamerly (1920-2000) November 19, 2004

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MPWMD

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VIA FACSIMILE

Mr. Andrew Bell Hearing Officer

Monterey Peninsula Water Management District

P. O. Box 85

Monterey, CA 93940

Re:

Bardis Water Distribution System

ID NO. 20040426BAR

Dear Mr. Bell:

I am writing in regard to the Bardis Water Distribution System permit (single connection) which you will hear this afternoon at 1:00 p.m.

We have reviewed the Staff Report and proposed Conditions of Approval. We support staff's recommendation that a total of 14.91 AFY of water be allocated as a production limit for this well.

We request, however, that the 0.5 AFY allocation for "potable" water use be for inside residential use and that outside uses be included in the 14.21 AFY "non-potable" use allocation. To achieve this, the words "including landscape irrigation" should be eliminated from the description of "potable uses" described in Condition 3 and elsewhere in the Findings.

This change is warranted as the home to be served by the well is anticipated to be approximately 4400 square feet with 4 bedrooms on this 10-acre parcel with surrounding agricultural land, which could include gardens, orchards, etc. It is not a standard "residential" parcel, but, in fact, is a rural parcel

PHONE 831-424-1414

FROM MONTEREY 831-372-7525

FAX 831-424-1975

¹ The District's water use factors for land use allocate .8 AFY of water for 1 acre of vineyard, 4.4 AFY for 1 acre of orchard, and 2.3 AFY for garden crops. (See worksheet attached).

Mr. Andrew Bell November 19, 2004 Page 2

An allocation of .05 acre foot of potable water for inside use is also consistent with the overall amount of water allocated to the four adjacent parcels (i.e., commonly known as Parcels A through D of the Mills College Subdivision), where a full 1 AFY of water was allocated for **both** inside and outside uses on considerably smaller parcels. (See paragraph 2 Stipulation and Order, Save our Carmel River v. County of Monterey, a copy of which is attached hereto).

The Stipulation and Order also indicates that development on the Remainder Parcel (this 10-acre parcel) is to be consistent with the water demand analysis contained in the 1994 Grice Engineering report. We believe that an allocation of 0.5 AFY for inside use only is consistent with the Grice report for the following reasons.

First, in a follow-up letter dated September 20, 2004, Mr. Grice indicates that the water demand numbers in his report pertained to "indoor household use and [property] should receive an additional allocation of water for outside use." In this case we would receive an allocation 0.5 AFY for inside use "potable" use and an allocation of 14.21 for outside "non-potable" uses. (See attached letter from Harold Grice.)

Second the Grice report was based on a household population of 3.17 persons per home based on population numbers derived from a wide spectrum of housing types including mobile homes and multiple unit residences (apartments) and not larger single family homes.

Third, the Grice report itself indicates that the opinion and findings of the report were valid as of 1994, but because conditions change his report "... should not be relied upon after a period of three years." Therefore the analysis in the Grice report is subject to revision.

In summary, an allocation of 0.5 AFY of water for "potable" inside use and 14.21 AFY for "non-potable" water for outside use is consistent the District's own water use figures and the Grice report.

Alternatively, we request that the allocation between potable and non-potable be changed to allow 1 acre foot of potable water for use for the residence and surrounding landscaping, and that 13.91 acre feet to be allocated non-potable agricultural uses.

As stated above, an allocation of 1 acre foot of potable water for the home encompassing **both** inside and outside landscaping, is consistent with the amount of water allocated to the four adjacent parcels - Parcels A through D of the Mills College Subdivision.

An allocation of 1 acre foot for indoor household use and surrounding landscaping is also consistent with the Grice report.

Mr. Andrew Bell November 19, 2004 Page 3

As stated above, Mr. Grice's September 20, 2004 letter indicates that the water demand numbers in his report pertained essentially to interior uses but did not include exterior uses such as vineyards, orchards or other uses which could occur on a rural residential parcel in conjunction with a residential use of the property. Accordingly, an allocation of water for residential use should be greater than .05 AFY if there are outside uses such as gardens, vineyards, and orchards associated with the residence.

Additionally, as stated above, the Grice report indicates that his population numbers were derived from a wide range of housing types (not larger residential homes) and that the conclusions of his report "... should not be relied upon after a period of three years."

Accordingly, we believe you have the discretion to increase the residential allocation for both inside and surrounding landscaping to 1 acre foot and concurrently reduce the agriculture allocation to 13.91 acre feet.

With either of these changes, we have reviewed the remaining Conditions of Approval and agree to those conditions².

Thank you for your consideration of this request.

Sincerely,

NOLAND, HAMERLY, ETIENNE & HOSS A Professional Corporation

Christine Gianascol Kemp

CGK:ng

cc:

Mr. Christo Bardis (with encls.)

Ms. Henrietta Stern, MPWMD (with encls.)

Subject to our approval of the additional fees, if any, which may be charged pursuant to Condition 16 of the permit.

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

WATER USE FACTORS FOR LAND USE REPORTING METHOD

(All Values are in Acre-Feet)

Ту	pe of Use	A		ual Usage er Unit		Usage Year
1.	Household Use:	UNITSON				
	a. Number of dwelling units		x	0.35	=	
2.	Irrigation:	1			× 1	
	a. Turf (i.e. lawn) - number of acres	•	x	2.1	=	
	b. Non-turf landscaping-number of acres		x	1.8	=	
	c. Non-turf on drip, open space - acres		X	0.9		7
	d. Pasture/Alfalfa - number of acres		x	4.3	= -	
	e. Pasture/Grazing - number of acres	•	x	2.1	= [
	f. Vineyard - number of acres		X	0.8	=	
	g. Orchard - number of acres		X	4.4	= [
	h. Garden Crops - number of acres		X	2.3	=	
	i. Plant Nursery - number of acres		X	3.92	= _	
3.	Swimming Pool or stockpond					
	a. square feet of surface area		X	0.00026	=	
		eva	pon	ation fact	or -	
4.	Farm Animal Use		•			
	a. Number of horses or cattle		X	0.05	=	•
	b. Number of goats, hogs, or sheep	**************************************	X	0.01	,= <u>-</u>	
5.	Other use: Variable factors				-	•
Note.	S:		-			

- (1) One Acre-Foot equals 325,851 gallons
- (2) Revisions in 1992 included the addition of a new category, "Pasture/Grazing" to account for irrigated pasture that is not harvested for a crop, but serves as pasture for large animals. The reduced factor of 2.2 AF/year is based on site inspections and is equivalent to the factor used for "Turf". Actual water usage on grazing land will vary. The factor for irrigated "Pasture/Alfalfa" or other pasture that may be harvested more than once a year remains 4.3 AF/year.
- (3) Revisions in 1992 also included a reduction in the factor for "Vineyard" from 2.8 to 0.8 AF/year, based on site inspections and on measured crop applied water data from Bulletin 113-4 of the California Department of Water Resources, "Crop Water use in California" (1986).
- (4) Revisions in 1993 include changes to Turf and Non-turf, and the addition of Plant Nursery in order to be consistent with the Calculated Average Consumptions: Commercial Uses Report prepared by the Demand Management office of the MPWMD, updated June 1992.

26

SOCR v. County of Montercy, et al.

STIPULATION AND ORDER

ADRIENNE M. GROVER (SBN: 151664) 1 County Counsel EFREN N. IGLESIA (SBN: 071309) Senior Deputy County Counsel County of Monterey JUN 0 7 <u>200</u>2 60 West Market Street, Suite 140 SHERRIL PEDERSEN Salinas, California 93901 CLERK OF THE SUPERIOR COURT 5 Telephone: (831)755-5045 6 Attorneys for Respondents. COUNTY OF MONTEREY, ET AL. 7 8 THE SUPERIOR COURT OF THE STATE OF CALIFORNIA 9 IN AND FOR THE COUNTY OF MONTEREY SAVE OUR CARMEL RIVER (SOCR), 10 Case No. M 43343 11 Petitioner, STIPULATION 12 ORDER RE WATER USAGE ON COUNTY OF MONTEREY, et al. REMAINDER PARCEL 13 Respondents, 14 MILLS COLLEGE, et al. 15 Real Parties In Interest. 16 17 18 STIPULATION 19 On August 31, 1999, the Court issued a decision in this matter limiting total water consumption on the four residential parcels and the remainder in the Mills College Subdivision to 19.91 20 21 AFY absent further environmental analysis. 22 On November 22, 1999, JEM Partners (successor in interest to real party in interest 2. 23 William Loorz) assigned rights to no more than 1 AFY to each of the four residential parcels created by the Mills College Subdivision, totaling 4 AFY to be deducted from the 19.91 AFY figure. A 2.2 acre 24 portion of the remainder has been transferred to All Saints School, and the parties agree that 1 AFY 25

PAGEL

L OF PAGES Care No. M 43343
Page 1

Case No. M 43343

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STIPULATION AND ORDER

PAGE 2

OF 3 PAGES

shared databases, and placing copies of this Stipulation and Order in all departmental files pertaining to 1 2 the Mills College Subdivision remainder property. 3 4 Dated: 5 acqueline M. Zischke Attorneys for JEM Partners, successor in interest to б real party in interest William Loorz 7 8 Michael W. Stamp 9 Frances M. Parina Attomoys' for Petitioner Save Our Carmel River 10 11 12 Adrienne M. Grover, County Counsel
Attorneys for Respondents County of Monterey et al. 13 14 15 **ORDER** Based on the foregoing recitals and stipulations of the parties, and good cause appearing, IT IS 16 17 SO ORDERED. 18 19 DATED: RICHARD M. SILVER 20 JUDGE OF THE SUPERIOR COURT 21 22 23 24 25 26 REAL SOCIED STATEMENT OF THE S EXHIBIT. SOCR v. County of Monterey, et al. Case No. M 43343 STIPULATION AND ORDER PAGE 3 .OF__ PAGES Page 3

END OF DOCUMENT

GRICE ENGINEERING AND GEOLOGY INC

ENGINEERING, GEOTECHNICS, HYDROLOGY, SOILS, FOUNDATIONS, AND EARTH STRUCTURES

561A Brunken Avenue Salinas, California 93901 Salinas: (831) 422-9619 Monterey: (831) 375-1198 FAX: (831) 422-1896

September 20, 2004 File No. 2835-94.03

Ms. Henrietta Stern Monterey Peninsula Water Management District P.O. Box 85 Monterey, Ca. 93942

Project:

Bardis Residence

Carmel Valley Road

Carmel Valley, California

Reference:

Hydrology Study and

Nitrate Loading Assessment for Mills College Property

Minor Subdivision

Carmel Valley and Schulte Road

Carmel Valley, Monterey County, California

APN: 169-181-43 Dated November 1994

Subject:

Water Demand for Remaining Parcel

Dear Ms. Stern:

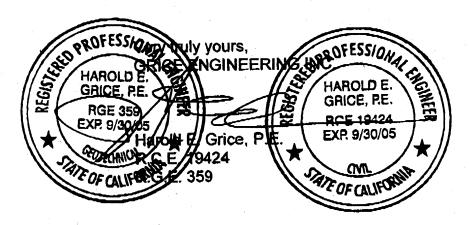
In accordance with our report, the projected water use per residence is just under 0.5 acre feet per year based on occupancy of 3.17 persons per residence. This use is for the residence proper and does not include additional outside acreage use. Additional acreage is often placed in orchards, vineyards or other associated uses.

Thus, a residence on this site would be projected to utilize approximately 0.5 acre feet of water per year for indoor household use and should receive an additional allocation of water for outside use.

Ms. Henrietta Stern Monterey Peninsula Water Management District Monterey, California September 20, 2004 Page 2

The above findings are applicable only to this property and its proposed development and may not be utilized for any other site or purpose without the written consent of GRICE ENGINEERING, Inc.

If you have any questions, please feel free to call my office.



c.c. Mr. Christo Bardis c/o Reynen & Bardis 9848 Business Park Drive, Suite A Sacramento, California

SEP 2 1 2004