NOLAND

Harry L. Noland (1904-1991)

Paul M. Hamerly (1920-2000)

Mjron E. Etienne, Jr Janies D. Schwefel. Jr.

## Stephen W. Pearson

Lloyd W. Lowney, Jr.
Anne Secker
Randy Meyenberg
Michael Masuda
Christine Gianascol Kemp
Jo Marie Ometer
Terrence R. O'Comnor
Lisa Nakata Omori
Laura A. Davis
Bale E. Grindred

Leslic E. Finnegan
Kirk R. Wagner
Timothy J. Balchuin
David Money
Mlchael J. DePaul
Stacy S. Camiel

Of Counsel
Peter 7: Hows
Marlin J. Mry
Blanca E. Zarazua

# VIA FACSIMILE 

Mr. Andrew Bell
Hearing Officer
P. O. Box 85

Monterey, CA 93940

## Dear Mr. Bell:

 production limit for this well. elsewhere in the Findings.
## EXHIBIT 14-L

Monterey Peninsula Water Management District

Re: Bardis Water Distribution System ID NO. 20040426BAR

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

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

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. ${ }^{1}$ It is not a standard "residential" parcel, but, in fact, is a rural parcel

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Mr. Andrew Bell
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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 containcd 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

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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 conditions ${ }^{2}$.

Thank you for your consideration of this request.
Sincerely,
NOLAND, HAMERLY, ETIENNE \& HOLS
A Professional Corporation


CGKing
cc: Mr. Christo Bardic (with encls.)
Ms. Henrietta Stern, MPWMD (with encls.)

[^1]
## MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

## WATER USE FACTORS FOR LAND USE REPORTING METHOD

## (All Values are in Acre-Feet)

| Type of Use | Annual Usage Total Usage |
| :---: | :---: |
| Per Year |  |

1. Household Use:
a. Number of dwelling units
2. Irrigation:
a. Turf (i.e. lawn) - number of acres

UNITS or
ACRES
b. Non-turf landscaping-number of acres
c. Non-turf on drip, open space - acres
d. Pasture/Alfalfa - number of acres
e. Pasture/Grazing - number of acres
f. Vineyard - number of acres
g. Orchard - number of acres
h. Garden Crops - number of acres
i. Plant Nursery - number of acres

| x | 0.35 | $=$ |
| ---: | :--- | :--- |
| $\mathbf{x}$ | 2.1 | $=$ |
| $\mathbf{x}$ | 1.8 | $=$ |
| $\mathbf{x}$ | 0.9 | $=$ |
| $\mathbf{x}$ | 4.3 | $=$ |
| $\mathbf{x}$ | 2.1 | $=$ |
| $\mathbf{x}$ | 0.8 | $=$ |
| $\mathbf{x}$ | 4.4 | $=$ |
| $\mathbf{x}$ | 2.3 | $=$ |
| $\mathbf{x}$ | 3.92 | $=$ |

3. Swimming Pool or stockpond
a. square feet of surface area
4. Farm Animal Use

| a. Number of horses or cattle | $x$ | 0.05 |
| :--- | :--- | :--- |
| b. Number of goats, hogs, or sheep | x | 0.01 |

5. Other use: Variable factors

Notes:
(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 AFlyear is based on size inspections and is equivalent to the factor used for "Tur"". 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 AFfyear.
(3) Revisions in 1992 also included a reduction in the factor for "Vineyard" from 2.8. to 0.8 AFhear, based on site inspections and on measured crop applied water data from Bullerin 113-4 of the Califormia Department of Water Resources, "Crop Water use in California". (1986).
(4) Revisions in 1993 include changes to Turf and Nor-turf, and the addirion of Plant Nursery in order to be consistens with the Calculated Average Consumprions: Commercial Uses Report prepared by the Demand Management office of the MPWMD, updated June 1992.

ADRIENNE M. GROVER (SBN: 151664)
County Counsel
EFREN N. IGLESIA
(SBN: 071309)
Senior Depurty County Counsel
County of Monterey
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Salinas, Califomia 93901

FILED
JUNO 72012
SHERRIL.PEDERSEN
BLEAK OFTHESUPERIOR COURT DEPUTY

Telephone: (831)755-5045
Attoracys for Respondents, COUNTY OF MONTEREY, ET AL.

TEE SUPERIOR COURT OR THE STATE OF CALIFORNLA
IN AND FOR TEIE COUNTY OF MONTEREY
SAVE OUR CARMEL RIVER (SOCR),
Potitioner,
v.

COUNTY OF MONTEREY, et al.
Case No. M 43343
STIPGLATION AND C TRGPOSXD
ORDER RE WATER USAGE ON
RKMANDER PARCEL

Respondents,
MILLS COLLBGE, et al
Real Parties In Interest

## STIPULATION

On August 31, 1999, the Count issued a decision in this matter limiting total water consumption on the four residential parcols and the remainder in the Mills College Subdivision to 19.91 AFY absent forther environmental analysis.
2. On November 22, 1999, JEM Partnera (successor in interest to real party in interest Whiliam L.porza) assigned rights to 20 mare than 1 AFY to eachi of the four residential parcels created by the Mills College Subdivision, totaling 4 AFY to bo deducted from the 19.91 AFY figure. A 2.2 acce portion of the remainder has been transferred to All Saints School, and the parties agree that 1 AFY

reserved to the School shall also be deducted from the 19.91 AFY figure. The amount remaining after these deductions is 14.91 AFY.
3. JEM Partuers has applied to the County for four well pannits on the remainder propertyri The parties agree that the County may issue those well permits ministerially and without firther environmental review, so long as the permits are subject to the following conditions which are hereby accepted by the maplicant:
A. In no event shall water use on the remainder exceed 14.91 AFY without discretionary permits subject to environmertal reviow and sssociated public hearings;
B. A deed restriotion in a form approved by tho Connty shall be recorded against the remainder limiting weter uso ds desaribed in this Stipulation.
C. A meter ahall be ingtalled on cesch of the four wells.
D. Reports ahowing extructions on a monthly basis shall be submitted to the County upon the Couraty's request
E. The County chall havo the right to eater and inspect the property for compliance with $\xrightarrow{\text { these conditions. }}$
F. The County shall have the right to tupose sametions for violation of these conditions.
G. In the event that any spplication is filed with the County for non-agricultural devalopment of the remsinder, water consumption essociated with much non-agriouloural development shall be cvaluated and conditioned consisteat with applicable water demand analyses contained in the November 1994 report of Grice Engincering, prepared in connection with the Mills College Subdivision.
4. Tho County ahall use its best efforts to ensure that current and future staff of all land use departments (inciuding Plaming \& Boilding|Inspection, Montercy County Water Resources Agency, Eavironnaental Health Division, and Publio Works) are aware of the Himitations on water consumption on the Mill\$ College Subdivision remainder described hersin_ Such oforts shall inalude, at a minimurn, cotering appropriate notation in the County"'s computerived Siema permit tracking system and similat

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PAGE_K_OF 3 PAGES
shared databases, and placing copies of this Stipulation and Order in all departmental fIles pertaining to the Mills College Subdivision remainder property.


Dated: $\qquad$


Adrienne M. Grover, County Course! Attorneys for Respondents county of Monterey et al

## ORDER

Based on the foregoing recitals and stipulations of the parties, and good cause appearing, IT IS SO ORDERED.

DATED: 6.7.02

(RICHARD M. SILVER JUDGE OF TEE SUPERIOR COURT

SOCR y. County of Monsonay, af al STIPULATION AND ORDER

Case No. M48343

# GRICE ENGINEERING AID GEOLOGY INC <br> ENGINEERING, GEOTECHNICS, HYDROLOGY, SOILS, POUNDATIONS, AND EARTH STRUCTURES 

561 A 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
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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<br>clo Reynen \& Bardis<br>9848 Business Park Drive, Suite A<br>Sacramento, California

SEP 212004


[^0]:    ${ }^{1}$ 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).

[^1]:    ${ }^{2}$ Subject to our approval of the additional fees, if any, which may be charged pursuant to Condition 16 of the permit.

