ORDINANCE NO. 50

AN ORDINANCE OF THE
BOARD OF DIRECTORS OF THE
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
REDEFINING PHASE III WATER RATIONING RULES
PERTAINING TO GOLF COURSES

ORDINANCE

Section One: Statement of Purpose

The Monterey Peninsula Water Management District enacts this Ordinance to redefine water rationing rules and standards for all golf courses within the District under Phase III of the present water supply emergency which has been declared in accord with Section 332 of the District Law. This ordinance further defines the Phase III response level for the continuing water supply emergency declared first by District Ordinance No. 35, and reconfirmed by Ordinance No. 49. This ordinance provides a comprehensive plan for the administration and management of water rationing for golf courses, and to the extent it is inconsistent with any provision of Ordinance No. 49 shall take precedence over that prior ordinance. In all other respects this ordinance shall be read in conjunction with and complement provisions of Ordinance No. 49 and the District's Rules and Regulations.

The purpose of this Ordinance is to ensure that consumptive use of potable water during Phase III of the present water supply emergency does not exceed anticipated water supplies available to the District. This Ordinance is required to meet the health and safety requirements of the communities served by the District.

Section Two: Findings to Substantiate an Alternate Rationing Standard for Golf Courses

District Ordinance No. 49 imposed mandatory water use restrictions to achieve a District-wide reduction in potable water consumption by a factor of at least twenty (20%) percent. Nonetheless, the community response to the present water supply emergency has been a reduction in aggregate use by approximately 30% from the aggregate base year water use.

The golf courses are recognized as an industry with special needs

and the ability to provide additional water rationing over that achieved to date.

Ordinance No. 49 modified the previous water use rules, and provided a new standard whereby irrigation needs for easily replaceable outdoor landscape such as turf did not qualify as a reason to increase any user's base water ration.

To accommodate the special needs of golf courses as a commercial group, the separate standards set by this ordinance are necessary to provide a comprehensive plan for the administration and management of water rationing for golf courses.

The water use on golf courses is recognized to be extremely dependent on weather and temperature variations. The different water use needs of the various courses within the Water Management District are due to factors such as climate, irrigation system capabilities, course acreages, and soil conditions. For these reasons, a cumulative effort by cooperating golf courses will optimize the quantity of water which can be conserved by this sector during this phase of mandatory water rationing.

Mandatory water rationing is necessary to ensure that consumptive use of potable water during the present water supply emergency does not exceed anticipated water supplies available to the District. This ordinance ensures equitable treatment of golf courses, both by acknowledging unique water use factors endemic to golf course operations and by ensuring actual reductions by that sector. This ordinance imposes an aggregate mandatory rationing reduction of twenty three (23%) percent upon golf courses who are members of the "Greater Monterey Bay Golf Course Association" with semi-annual compliance and enforcement determinations based on a comparison of the current water year (October 1 to September 30) water use to the annual base year use of all courses in the Association. Monitoring shall be on a quarterly basis, and enforcement of this rationing requirement shall occur semi-annually, but the Association may elect to adjust its pattern of water use so that actual use need not be identical to the historical pattern during the base year, provided that the aggregate annual use by Association courses does not exceed seventy seven (77%) percent of the base year use of those same courses. If at the end of each water year the Association has met or exceeded the twenty three (23%) mandatory reduction in annual water use, any fines or penalties assessed for excessive water use at the mid-year evaluation shall be forgiven.

Golf courses which are not members of the "Greater Monterey Bay Golf Course Association" shall have a mandatory rationing standard of 20% with monitoring, enforcement and all administrative determinations based upon the standards set forth

in Ordinance No. 49.

This ordinance is required to meet the health and safety requirements of the communities served by the District.

<u>Section Three:</u> <u>Monitoring Golf Course Water Use</u>

To enable the reasonable management of the water rationing program, the General Manager shall maintain quarterly water use data for each golf course and turf area listed below, but shall consolidate review of the following golf courses and turf areas for all compliance determinations and/or enforcement actions,

Carmel Valley Golf and Country Club
Carmel Valley Ranch
Cypress Point
Monterey Peninsula Country Club - Shore
Monterey Peninsula Country Club - Dunes
Old Del Monte
Pacific Grove Municipal
Pebble Beach (including the Polo Field)
Peter Hay
Poppy Hills
Rancho Canada - East & West
Spanish Bay
Spyglass

The listed golf courses have consented to this consolidated quarterly review, and have voluntarily formed an unincorporated association known as the "Greater Monterey Bay Golf Course Association" (hereafter "Association") to facilitate water rationing compliance in accord with this approach. The Association shall ensure that quarterly water use data for each golf course is received by the General Manager, together with data as to any carryover credit from the previous quarter, planned water use for the next following quarter, and data as to the cumulative total quantity of water actually applied for use by all Association golf courses for the water-year-to-date. This data shall be verified by the General Manager.

So long as the review of golf course water use is consolidated, compliance determinations and/or enforcement actions shall only be made if the entire set of golf courses exceed their combined ration of water available for use during each six month period (October - March; April - September) during the water year (October 1 to September 30) irrespective of the quantity of water which may have been used on any individual course.

Nonetheless, should the consent of any single golf course operator fail to be received, or should any consent be revoked

with respect to any compliance determination and/or enforcement action, the General Manager shall then make each compliance determination, or take each enforcement action based on data pertaining exclusively to that particular golf course pursuant to the rationing standard of twenty (20%) percent, monitoring mechanisms, and compliance/enforcement provisions contained in Ordinance No. 49. The remaining members of the Association shall continue to be treated as a group in accord with the rationing standard, monitoring mechanisms, and compliance/enforcement provisions contained in this Ordinance. Any obligation of the Association shall be deemed a joint and several obligation of an individual golf course as of the date the General Manager receives written notice that the individual golf course is no longer a member of the Association. For the purposes of this ordinance, the Rancho Canada golf course shall be deemed to include both the East and West sections.

Section Four: Base Year Water Use Standard for Golf Courses

A. <u>Unmodified Base Year Data.</u>

Except as may be provided by a written variance, the base year for each golf course shall be the water year which commenced October 1, 1987, and which ended September 30, 1988.

<u>Courses using Cal-Am system water.</u> For golf courses which receive bills from California American Water Company, the base year shall be the 12 month period which began with the first bill mailed on or after October 1, 1987.

Courses using well water. For the following golf courses which use water from private wells, base water use for each month shall be derived from power consumption records which correlate to the base year (October 1, 1987 to September 30, 1988) available to the District.

Carmel Valley Golf and Country Club Carmel Valley Ranch Rancho Canada - East & West

Applying the criteria set forth above, the unmodified base water use data for each quarter for each golf course shall be that amount shown on Attachment A to this ordinance. By this reference, Attachment A is made an integral part of this ordinance. The Association shall provide quarterly water consumption reports to the General Manager.

B. Modified Base Year Standard.

1. Optional Distribution Pattern.

Using the aggregate annual unmodified base year data as determined by Paragraph A of this Section (and any additional water available pursuant to Section 4 B 2 and 3 below), the Association may by written request, apportion water for use in any quarter of the same water year, and may also apportion water to a contingent reserve to be used in that water year as a credit against any enforcement action. The General Manager shall approve any such request which is reasonable; actions of the General Manager shall be subject to review in accord with Section Six below. If the modified base year standard has been approved, it shall be used to ascertain compliance by the Association with all water rationing requirements, instead of Attachment A.

2. Rollover of Extraordinary Water Savings

The aggregate annual unmodified base year data as determined by Paragraph A of this Section shall be increased effective October 1 of each water year during Phase III of this water supply emergency to include as a credit for use in that water year all water saved by the Association golf courses during the prior water year in excess of the twenty seven (27%) reduction goal.

3. Credit for Riparian Irrigation

The aggregate annual unmodified base year data as determined by Paragraph A of this Section shall be adjusted effective October 1 of each water year during Phase III of this water supply emergency to include as a credit for use in that water year sufficient water to ensure that a reduction is not required in the quantity of water actually applied for required riparian irrigation. This credit shall be granted upon the written application of the Association (or of a golf course not in the Association) and may be granted by the General Manager; actions of the General Manager shall be subject to review in accord with Section Six below.

Section Five: Water Rationing Standard for Golf Courses

A. Rationing for Golf Courses within the Association.

The following water rationing reduction requirements shall each apply to golf course water use:

- 27 Percent Reduction Goal. As a non-mandatory target during Phase III of this water supply emergency, the Association will attempt to limit the aggregate water use of all golf courses within the Association to seventy three (73%) percent of the water use recorded by that group during the base year, as shown on Attachment A. This amount may be modified in accord with the provisions of Section 4 B. There shall be no enforcement of this annual goal, and there shall be no penalty imposed should the Association not meet this target.
- 23 Percent Reduction Requirement. As mandatory a requirement during Phase III of this water supply emergency, the aggregate water use of all golf courses within the Association for each water year shall be limited to seventy seven (77%) percent of the aggregate water use recorded by those courses during the base year, as shown on Attachment This amount may be modified in accord with the provisions of Section 4 B. Enforcement of this semi-annual requirement shall occur in April and October of each year, provided however, that any violation of this mandatory reduction requirement which is based the on evaluation period October - March shall be forgiven at the end of that water year if the aggregate annual water use for the entire 12 month period is equal or less than seventy seven (77%) percent of the base year as may be modified by Section 4 B. Informational monitoring of this requirement shall occur in January, April, July, and October of each year, with results reported to the Board of Directors.

On or after August 1, 1990, optional baseline ration calculations shall no longer be available for this reduction requirement.

The rationing requirement set by this ordinance shall be subject to evaluation and modification by the Board of Directors as necessary to respond to changing drought conditions.

B. Rationing for Golf Courses not in the Association.

This Ordinance shall revoke the provisions of Section 5 C of Ordinance No. 49, which read as follows:

Golf Course - (Mandatory)

1. The General Manager shall review and report to the Board of Directors as to water consumption levels and standards which are necessary for golf course needs, yet are commensurate with the water conservation goals necessary to Phase III water rationing. Thereafter the Board shall adopt

water rationing criteria specifically tailored for golf course use.

2. The General Manager shall review and report to the Board of Directors to the means to monitor and the frequency for review of water consumption from all golf courses subject to the Phase III rationing standard.

Should the consent of any single golf course operator fail to be received, or should any consent be revoked with respect to any compliance determination and/or enforcement action, that golf course shall not be treated as a member of the Association. The General Manager shall then make each compliance determination, or take each enforcement action for that golf course based on data pertaining exclusively to that particular golf course pursuant to the rationing standard of twenty (20%) percent, monthly monitoring mechanisms, and compliance/enforcement provisions as specifically contained in Ordinance No. 49. The remaining members of the Association shall continue to be treated as a group in accord with the rationing standard, monitoring mechanisms, and compliance/enforcement provisions contained in this Ordinance.

On or after August 1, 1990, optional baseline ration calculations shall no longer be available for golf courses not within the Association.

Rationing requirements for golf courses not in the Association shall be subject to evaluation and modification by the Board of Directors as necessary to respond to changing drought conditions.

Section Six: Variance for Greater Water Use for Golf Courses

Notwithstanding the water rationing standard set forth in Section Five of this ordinance, golf course operators may apply for and receive a variance for greater water use based upon that water user's proven inability to satisfy the annual twenty seven (27%) percent target goal or twenty three (23%) percent mandatory reduction requirement, where the user or users also demonstrate that all reasonable conservation and rationing measures have been undertaken.

A. Written Application. The Association, on behalf of one or more golf course users, may make a written application for and receive a variance for greater water use based upon a clear and reasonable unavoidable need for additional water, the Association's proven inability to meet the ration standard, and proof all reasonable conservation and retrofit measures which are technically and financially feasible have been

undertaken. The applicant shall consent to a verification inspection by a sub-committee of the District Board of Directors. A variance for greater golf course water use shall be granted only upon review of the following factors:

- Proof that the applicant cannot meet the required golf course reduction in water use from the applicable base year due to reasons beyond that Association's control; and
- Proof of a clear and reasonable unavoidable need for additional water, and
- 3) Proof that the applicant has taken all reasonable, available, and timely state-of-the-art conservation actions which are technically and financially feasible, including but not limited to compliance with retrofit measures to reduce water use; and
- 4) Proof that the applicant has taken all reasonable and available action to educate employees and customers to reduce on-site water consumption; and
- 5) The applicant's written consent (and property owner's, if needed) to the inspection of the subject property to ensure water conservation and rationing rule compliance.
- 6) The applicant's written certification, under penalty of perjury, that the subject property has complied with all required water conservation and water rationing measures.
- 7) Proof that the increment of additional water is unavailable from other golf courses in the Association, taken as a whole.

The General Manager shall prepare application forms for this variance in the same manner as the forms required for any variance for greater commercial water use pursuant to Ordinance No. 49.

B. Action on the Application. Except as specifically required by this subpart, the application for a variance for greater golf course water use shall be administered by the General Manager in the same manner as a variance for greater commercial water use pursuant to Ordinance No. 49, provided however that any hearing shall be conducted by a three person sub-committee of the Board of Directors, as appointed by the Chairman of the Board, instead of by the Rationing Hearing Panel. For any variance to expand golf course water use seeking

relief from the reduction requirement, action to grant the variance for water use which exceeds seventy seven (77%) percent of the base year use as modified by Section 4 shall in all circumstances only be authorized following the unanimous decision of the three members of that sub-committee. Should a unanimous decision not result, the record of the hearing shall be reviewed by the entire Board of Directors. The Board may re-open the hearing to receive additional evidence, may receive comment and argument only, or may decide the matter solely on the record without the receipt of additional evidence, argument, or comment. The Board's decision shall be by majority vote.

The grant of any variance shall ensure that the Association shall further use all reasonable (technically and financially feasible) state-of-the-art means to minimize unnecessary water use, to promote water conservation, and to avoid water waste. Reasonable conditions may be attached to the grant of each variance to minimize water use.

Section Seven: Additional Limitations On Golf Course Water Use.

A. Definitions of "Water Waste" and "Non-essential Water Use"

"Water waste" is defined as the indiscriminate, unreasonable, or excessive running or dissipation of potable water. This shall include, but not be limited to the following:

- 1. Water waste caused by easily correctable leaks, breaks, or malfunctions after a reasonable time within which to correct; exceptions may be made by the General Manager for corrections which are not feasible or practical, or for large users or utilities and water distribution systems which adhere to regular repair or renovation schedules.
- 2. Use of potable water to wash sidewalks or roadways where airblowers or sweeping provides a reasonable alternative, or where subpotable water is reasonably available.
- 3. Indiscriminate or excessive water use which allows water to run to waste.
- 4. Individual washing of cars, buildings, or exterior surfaces without use of quick acting positive shut-off nozzles.

"Non-Essential Water Use" is defined as the indiscriminate or excessive dissipation of potable water which is unproductive, or

does not reasonably sustain economic benefits or lifeforms, given the present shortage of potable water. Non-essential water use shall include any and all activities defined as water waste, and shall further include but shall not be limited by the following.

- Operation of fountains or reflecting ponds (not to include lakes or course hazards) solely of ornamental use without recycling;
- 2. Unreasonable or excessive use of potable water for dust control or earth compaction without prior written approval of General Manager where non-potable water or other alternatives are readily available or satisfactory.
- 3. Use of unmetered fire hydrant water by individuals other than fire department or public utility officials for fire suppression or utility system maintenance purposes, except upon prior approval of General Manager.
- B. <u>Prohibited Water Uses</u>. All mandatory prohibitions against water waste and non-essential water use imposed by Ordinance No. 49 are republished by this ordinance and made specifically applicable to water use upon golf courses.

Section Eight: Enforcement of Water Ration Limitations upon Golf Courses

A. <u>Imposition of Fees for Water Use in Excess of the 23% Reduction.</u>

Enforcement shall occur on a semi-annual basis, based on the total use during the prior two quarters as compared to the equivalent quarters as modified by the standard set by Section 4, if applicable, and if not, as compared to the equivalent quarters in the base year. Monitoring of the golf course water ration requirement shall occur in January, April, July, and October of each year, with results reported to the Board of Directors. For each 6-month period (October - March; April - September) the General Manager shall review the aggregate water use of all golf courses within the Association during that period and shall ensure that an aggregate twenty three (23%) percent reduction from the equivalent base (or modified base) year use has been achieved. If the reduction has been achieved for that period, neither flat fees nor variable fees shall be imposed for excess use. If the reduction has not been achieved, and if the aggregate use has exceeded seventy seven (77%) of the base (or modified base) use allowable for that water year, the following

excess use fees shall be imposed upon the Association:

a variable fee at the rate of \$11,000 per acre foot to be paid by the Association for water use by golf courses within the Association in excess of the seventy seven (77%) percent ration for that 6-month period. The maximum fee payable by the Association in any enforcement period, however, shall not exceed sixty thousand (\$60,000) dollars. This fee shall also apply to any single course which may not be a member of the Association, provided however, that the maximum fee payable by any single golf course not a member of the Association in any single quarter, shall not exceed eleven thousand (\$11,000) dollars.

The General Manager shall cause these fees to be collected from the Association, or if any golf course has left the Association, directly from that water user, without a requirement of a grace notice.

B. Waiver of Excess Fees by Appeal.

The Association may seek to have the variable fee for excess water use waived or forgiven through the Rationing Variance process set forth in Section Six upon substantial evidence that the excess water use was beyond the user's control, and was not reasonably correctable in a timely fashion due to special and unique circumstances. Due diligence must be shown to forgive any water waste caused by a leak; under no circumstance shall a leak justify the forgiveness of an excess use fee for more than two months. The applicant shall further demonstrate that all reasonable means have been taken to conserve water and minimize future water use.

<u>Section Nine:</u> <u>Limit on the Assessment of Fees for Non Association Water Users.</u>

Notwithstanding any contrary provision in Ordinance No. 49, and except as provided for in this Ordinance, the variable fee for any single water user shall not exceed \$11,000 for water use at any one site during any three months.

Section Ten: Republication of the Sunset Requirement for Collection of the Water Emergency Surcharge.

This Ordinance republishes the prior Phase III rationing rules implemented by Ordinance 49 and 51 which requires each water distribution system to collect a water emergency surcharge from

each water customer within that system and forward those proceeds to the District in order to fund costs of administration, enforcement, education, and other necessary activities relating to the water supply emergency. This provision shall allow collection of the water emergency surcharge only for the exact period of time necessary to cause full funding of the District's actual incurred costs of administration, enforcement, education, and other activities relating to the water supply emergency. Thereafter this surcharge shall no longer be collected.

Section Eleven: Restatement of the Sunset Date for Phase III Water Rationing.

All provisions of both Ordinances 49, 51, and this Ordinance declaring Phase III water use restrictions shall have no force and effect on or after April 30, 1991, except however, that the date of this sunset provision may be terminated at an earlier date or extended from time to time by Resolution of the Board of Directors upon either a finding that the present water use restrictions are no longer necessary, or in the alternative, that the water supply emergency has not ended and continued water use restrictions are necessary.

<u>Section Twelve:</u> <u>Publication and Notification to Golf Course Operators.</u>

The General Manager shall provide a copy of this ordinance to each golf course. The provisions of this ordinance, however, shall not be reproduced in the Rules and Regulations of the Monterey Peninsula Water Management District.

Section Thirteen: Effective Date

The provisions of this ordinance shall take effect at 12:01 a.m., October 31, 1990.

If the consent of the Association has been received, however, the General Manager shall give retrospective effect to provisions of this Ordinance which pertain to the Association, and shall apply these standards to Association water use for the full 1990/1991 water year, beginning October 1, 1990.

<u>Section Fourteen: Conjunctive Application with the District Rules and Regulations</u>

The provisions of this ordinance are intended to compliment and to be read conjunctively with the Rules and Regulations and other ordinances of the Water Management District. All definitions used in the District Rules and Regulations shall apply to this ordinance.

Section Fifteen: Conjunctive Application with District Ordinance No. 49 and Ordinance No. 51

The provisions of this ordinance are intended to compliment and to be read conjunctively with the Phase III rationing rules set forth in Ordinance No. 49 and Ordinance No. 51 of the Water Management District, and with the administrative guidelines previously promulgated to implement the Phase III rationing rules. The provisions of this Ordinance, however, shall have precedence over any conflicting or contrary provision of Ordinance No. 49, Ordinance No. 51, or the District administrative guidelines.

<u>Section Sixteen:</u> <u>Severability</u>

If any section, sub-section, sentence, clause, or phrase of this ordinance is for any reason held to be invalid, such decision shall not affect the validity of the remaining portions of this ordinance. The Board of Directors hereby declares that it would have passed this ordinance and each section, subsection, sentence, clause, and phrase thereof, irrespective of the fact that any one or more sections, sub-sections, sentences, clauses, or phrases may be declared invalid.

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Direc	ctor	Jim	Hughes			the	foreg	oing	ord	lina	ince	is	adopted
this	_8th	day	of	November									
vote	:												

AYES: Directors Fisher, Davis, Strasser Kauffman and Hughes

NAYS: Directors Long, Heuer and Hekhuis

ABSENT: None

I, James R. Cofer, Secretary to the Board of Directors of the Monterey Peninsula Water Management District, hereby certify the foregoing is a full, true and correct copy of an ordinance duly adopted this 8th day of November, 1990.

	Witness	mу	hand	and	seal	of	the	Board	of	Directors	this	<u>8th</u>
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James R. Cofer, Secretary to the Board

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT UNMODIFIED BASE YEAR USE WATER YEAR 1988 GOLF COURSE WATER USAGE IN ACRE-FEET

GOLF COURSE	OCT 1987	NOV 1987	DEC 1987	JAN 1988	FEB 1988	MAR 1988	APR 1988	MAY 1988	JUN 1988	JUL 1988	AUG 1988	SEP 1988	WY 1988
MONTEREY PENINSULA													
Spyglass	15.8	2.4	0.2	0.2	1.3	8.9	21.1	12.2	22.1	24.4	19.2	19.0	146.8
Spanish Bay	21.6	8.8	1.1	1.0	6.2	12.1	21.6	14.7	24.7	32.3	27.0	25.4	196.5
Poppy Hills	14.0	2.9	0.0	0.0	2.9	10.4	19.3	12.1	22.1	24.6	17.0	16.6	141.9
City of Pacific Grove	10.6	1 .8	0.1	0.1	1.1	9.9	13.4	8.6	17.0	17.2	16.3	15.2	108.0
MPCC Shore	11.2	1.4	0.4	0.3	2.5	6.9	15.9	10.2	17.0	19.6	15.6	16.0	117.0
MPCC Dune	10.0	1.5	0.5	0.2	1.5	4.8	13.8	8.4	15.8	18.5	14.2	13.5	102.4
Cypress Point	13.0	0.8	0.3	0.2	1.4	7.2	14.9	7.7	18.5	16.6	14.8	15.0	110.4
Pebble Beach	15.9	7.8	4.7	5.8	7.5	9.0	15.2	13.5	14.6	26.8	15.6	23.4	159.8
Pebble Beach Polo Field	2.2	0.4	0.0	0.0	0.0	9.0	1.5	9.0	6.0	1.3	2.0	1.6	11.1
Pebble Beach Driving Range	1.1	0.1	0.0	0.0	0.1	0.9	0.7	0.5	6.0	1.3	- -	0.0	7.3
Peter Hay	1.3	0.3	0.0	0.1	0.1	9.0	1.3	9.0	6.0	1.6	1.5	د .	9.5
Del Monte	18.5	4.3	1.1	1.5	1.4	7.9	18.6	12.7	20.5	24.7	25.6	21.9	158.4
Sub-total	135.2	32.5	8.1	9.4	26.0	75.9	157.3	101.5	174.7	208.9	169.9	169.8	1269.2
CARMEL VALLEY													
Rancho Canada	43.5	24.0	12.5	17.2	44.7	72.7	37.6	93.6	77.5	80.0	64.9	42.3	610.5
CVG&CC	18.6	3.6	4.1	7.5	22.1	46.6	17.6	43.0	46.6	40.6	43.2	33.5	327.0
Carmel Valley Ranch	4.5	2.3	9.0	4.5	27.8	52.1	29.4	59.1	52.1	54.4	48.4	36.8	372.0
Sub-total	9.99	29.9	17.2	29.5	94.6	171.4	84.6	195.7	176.2	175.0	156.5	112.6	1309.5
DISTRICT-WIDE	. 201.8	62.4	25.3	38.6	120.6	247.3	241.9	297.2	350.9	383.9	326.4	282.4	2578.7
QUARTERLY & YEARLY TOT QUARTERLY & YEARLY TOT QUARTERLY & YEARLY TOT	TOTALS TOTALS LESS TOTALS LESS	20%	289.5 231.6 222.9			406.4 325.1 312.9			890.0 712.0 685.3			992.7 794.2 764.4	2578.7 2062.9 1985.6

NOTES:

Values for Monterey Peninsula courses were taken from Cal-Am sales records. Values for Carmel Valley courses were calculated from PG&E power consumption records.