

PRESIDENT'S MESSAGE : As my term of President of GCSANC comes to an end, I would like to express my sincere thanks to the board members and other committee members for their support and hard work over the past year. A very special thank you to Myrtle Wagoner for her continued service as executive secretary, your hard work does not go unnoticed. Many thanks to you, the membership, for allowing me this opportunity over the past year. It has been a rewarding and enlightening experience.

We have a fine organization that will continue to grow with the excellent leadership of the new Board. Best of luck to them in 1988-89.

I hope to see you at Santa Clara Golf & Tennis for the ANNUAL MEETING. Remember----- Golf will be a "Scramble" so get your name and Handicap to me as soon as possible. There are no preferred foresomes this month.....

ALLAN SCHLOTHAUER, CGCS

Host Club : Santa Clara Golf & Tennis
2501 Talluto Way
Santa Clara, Ca, 95054

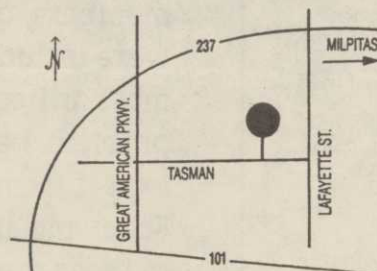
Day : Monday-April 11,
Cancellation: 408-980-9580

Board : 6:30 A.M.
Election: 8:30 A.M. (Voting Members Only)

General
Meeting : 11:00 A.M. ALL INVITED.
Lunch : 12:00 P.M. [\$14.00]

"Scramble"

Golf 1:00 P.M. GOLF CARTS MANDATORY [1/2 -\$8.00]



VOTE

**Don't worry
if it takes a while
for the new approach
to stick.**

OUR HOST AND HIS GOLF COURSE

Al was born and raised in Eastern Colorado, and after a tour of duty in the army moved to California in 1970. He began his golf course career at Almaden CC in 1974 under the direction of Bob Ford as his assistant. In 1978 Al went to the Villages Golf and CC as the assistant to Jim Ross. When Jim took another position Al was promoted to Superintendent in 1981. After five plus years as superintendent Al became certified through GCSAA, and then in July of 1987 took the Superintendent's position at Santa Clara Golf and Tennis complex which is managed by American Golf Corp.

The Santa Clara Golf and Tennis Club was constructed on a sanitary landfill from the plans of architect Robert Muir Graves. The course was officially opened on April 4, 1987 and sits amid a complex comprised of the Santa Clara Convention Center, a 500 room DoubleTree Hotel, and an ultramodern office and display complex entitled Techmart. American Golf Corp. began managing the Golf and Tennis Operation in May.

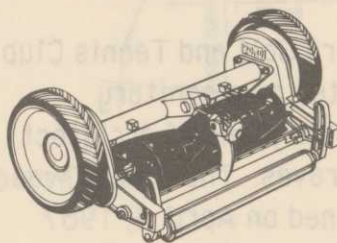
The relatively long (6853 yards from the blue rating marker) and rolling golf course with many blind shots, and the ever present afternoon wind which blows off the southern tip of San Francisco Bay, has accommodated over 77,000 rounds in the 10 months American Golf has managed the golf course. Built in an area which is very flat, the course rises from the surrounding ground level to a height of about 80 feet at the 12th green. The rolling hills were created by bringing in some 950,000 yards of fill to cover the existing cap over the land fill and the addition of on foot of sand over the tees and fairways was included in the 165 acre site. Features of the course include a 440 yard par four (15th hole) which plays directly into the wind and a lone par three (236 yards) which plays into a three-quarter wind along with large, undulating pencil greens. The NCGA rating is 72.2 from the blue and 70.5 from the white. Tom Hale is the Head Professional. Richard Muzzy is the General Manager.

(continued from cover page)
dependable staff, and Kikuyugrass control are causing major maintenance headaches. It was interesting to see that in this sector of Golf Course Maintenance, golfers are perceived as a problem more so than in the Municipal or Public sector.

Overall, it is interesting to note that 33% of the respondents have either poor irrigation or are experiencing many problems with wet and dry spots, poor coverage, and poor control of their systems. 10.5% have heavy play (COMPACTION) problems, 10.5% have staff problems, 8.5% have problems with poor soils and equipment maintenance, and the remaining responses address golfers, fungus, Poa, carts, and bunkers.

On the matter of the second question: What is expected from GCSANC, 2/3 of the responses said that they want information and education through the meetings and the newsletter. (I'm doing me bloody best lads) Another 1/3 of the members want camaraderie with their peers, and the remaining responses are concerned with improvement of our professional image.

PAUL DIAS, CGCS



As Spring approaches,
I look around and see blooming flowers; feel the warm and soothing sun, and notice that everyone seems to have a little zip to their walk.

GCSANC-SURVEY SUMMARY 9 HOLE GOLF COURSES

	-AVERAGE-	-AVERAGE-	-AVERAGE-
	PRIVATE	PUBLIC	MUNICIPAL
# of Holes	9	9	9
# of Acres	41	60	64
# of Rounds	23,750	40,000	41,750
Years Supt.	5.75	9	14
Salaries	\$71,050	\$90,000	\$65,350
Sand	4,775	3,000	3,200
Fert./Fung.	6,800	6,000	2,400
Equip. Repair	9,100	9,000	4,200
Equip. Replace	19,300		10,000
Water	4,300	0	8,000
Meetings/Dues	800	1,500	250
Education	500		400
Total Budget	\$152,900	\$300,000	\$168,100
Cost Per Acre	\$4,600	\$5,000	\$3,462
Cost Per Hole	\$17,000	\$33,300	\$18,678
# P/T Staff	4	3	3
# P/T Staff	2	1	1
Supt. Salary	\$30,500	\$30,000	\$37,625
Assist. Wages	20,400	20,000	26,300
Mech. Wages	8.87		13.48
Maint. Wages	7.16	40,000	12.24
P/T Wages	6.40	6.00	7.75
Union	4N	N	2Y/2N
Vehicle	1Y/2N/1ALLOW.	Y	3Y/1N
Vacation-Wks.	2.5	3	2
Sick Leave-Days	6		12
Work Week-# Days	5	5	5.25
Work Weekends	1Y/2N/1SOME	Y	2Y/1N/1SOME
Work Holidays	1Y/3N	Y	1Y/2N/1SOME
Dues-Loc./Nat	4Y/	Y	3Y/1N
Golf Frequency	1W/2M/1N	W	1W/3M
RESPONSES	4	1	4

The information presented on the nine hole golf courses is representative of the data provided. Some of the courses were part of 18 hole facilities and had separate line item budgets for the nine hole course. The figures again are averages of all the data provided.

To Keep Your Course In Classic Condition,

HYDRO ENGINEERING - Adrian Bertens
Box 505 415 837-1892
Danville 94526

ADVANCED DRAINAGE SYSTEMS (ADS)
Walt Bray - 6917 Flintwood Way
Sacramento 95831

WESTERN LAWN EQUIPMENT CO
50 Edwards Court - 415 342-4440
Burlingame 94010

SHELTON TRANSFER SERVICE
Sand, Gravel, and Top Dressing
San Jose 95131 408 432-9040

CIARDELLA GARDEN SUPPLY, INC.
Top Dressing - Custom Mixing
Palo Alto 94303 415 321-5913

INTERNATIONAL SEEDS, INC.
P. O. Box 168

Halsey, Oregon 97348

PAR-EX PROFESSIONAL PRODUCTS
Ibsen Dow 1-800-4-ESTECH
San Francisco 94127

LONE STAR INDUSTRIES, INC.
P. O. Box 5252 415 463-1420
Pleasanton 94566

BROWN SAND, INC.
874 East Woodward Avenue
Manteca 95336 209 982-4618

GEORGIA PACIFIC-Commercial Products
Wayne Elwood - 408 246-1923
Santa Clara 95051

H. V. CARTER COMPANY, INC.
1700 East 14th St., Box 12006
Oakland 94604

WEST STAR DISTRIBUTING, INC.
415 887-1222
Hayward 94545

PLANT GRO CORPORATION
P. O. Box 703
San Jose 95106

TURF EQUIPMENT SERVICES
A Mobile Service & Repair Facility
Ben W. Showard 415 651-TURF

R. V. CLOUD COMPANY
3000 Winchester Blvd
Campbell 95008

WILBUR ELLIS - Lindsay Jennison
Box 2088 - 408 758-1397
Salinas 93902

BAY IRRIGATION & TURF SUPPLY
137 Mason Circle
Concord 94520

SIERRA PACIFIC TURF SUPPLY
Campbell 95008
408 559-8893

BUCKNER SPRINKLERS - Steve Mills
4381 North Brawley
Fresno 93722 415 455-4705

J. R. SIMPLOT COMPANY
P. O. Box 198
Lathrop 95330

N. CALIFORNIA GOLF ASSOCIATION

P. O. Box NCGA
Pebble Beach 93953

RUSSELL D. MITCHELL ASSOC., INC.

Irrigation Consultants
Walnut Creek 94596 415 939-3985

PASALICH TRUCKING 707 878-2727

Dillon Beach Sand-Rock-Gravel
Dillon Beach 94929

K K W INC. - John Deming

20470 Corsair Blvd
Hayward 94545

NAIAD COMPANY - Jim Karriek

531 Homewood Court
Pleasanton 94566

AUTOMATIC RAIN CO. - Tom Jackson

4060 Campbell Avenue
Menlo Park 94025

SCOTTS PROTURF

Chuck Dal Pozzo
415 790-9144

CRONATRON WELDING SYSTEMS

779 Brannan Place
Concord 94518

CHRISTENSEN IRRIGATION CO., INC.

1820 E Garry Ave 116 AC 714
Santa Ana 92705-5804 \261-6076

AMERICAN IRRIGATION REPAIR & SUPPLY

3270 Seldon Court 3
Fremont 94538

JENKINS MACHINERY

1848 Arnold Industrial Place
Concord 94520

C-M CHAIN & HOIST - "Dick" Gravelle

211 Dover Street
Los Gatos 95030

COUNTRY CLUB SALES, INC.

4592 E. Second Street
Benicia 94510

PUMP REPAIR SERVICE COMPANY

San Francisco
415 467-2150

GOLFCO - John Engen

P. O. Box 501
Chico 95927

BRAMAN PIPE & SUPPLY COMPANY

1525 Walsh Avenue
Santa Clara 95050

UNIMIN - Dry White Silica Sand

Sand Traps and Top Dressing
Byron 415 634-3575

EWING IRRIGATION PRODUCTS

2462 Polvorosa Avenue - Box 2098
San Leandro 94577

A. L. CASTLE OF STOCKTON, INC.

5700 Cherokee Road
Stockton 95205



**"If you have a good distributor,
everything else
takes care of itself."**



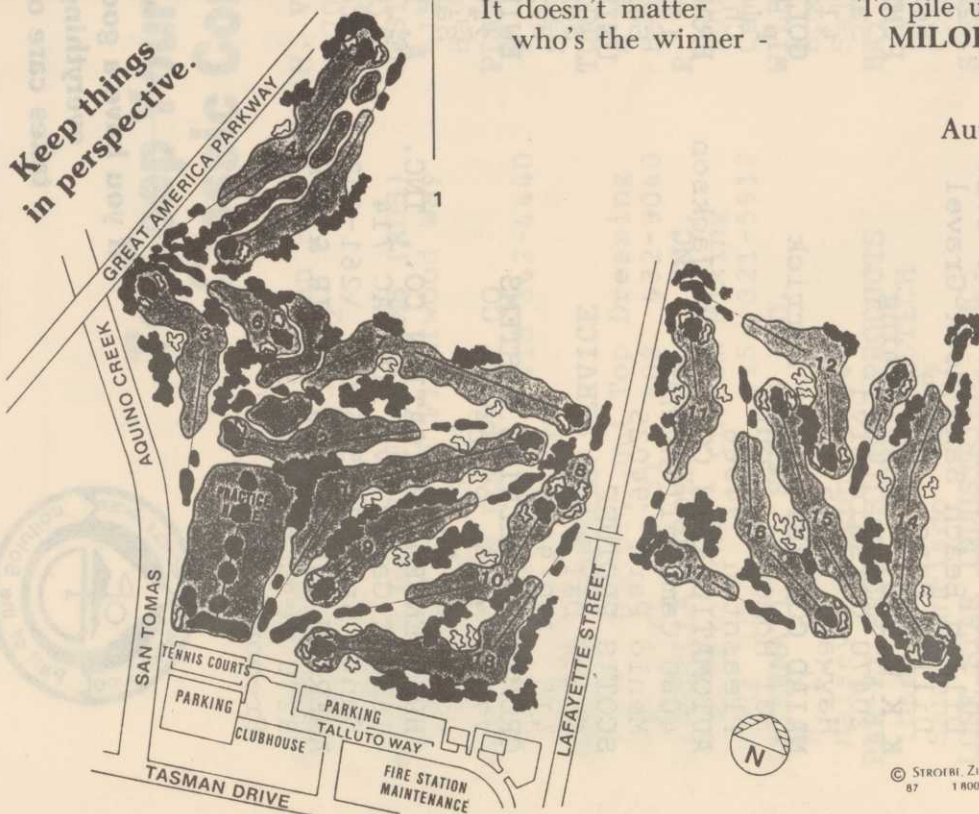
**Certification:
The Symbol
Of
Recognized
Excellence**

Do You Just Belong?

**NEXT ISSUE OF THRU THE
GREEN GOES TO NEW
FORMAT!**

In response to the survey,
the Newsletter will be
larger, with more education,
information and less
chit-chat.....
WATCH FOR IT

**Elite clones are used
for crossing and
progeny testing.**



MILORGANITE MAKES MILWAUKEE FAMOUS!

Milwaukee is
the land of cheer -
German cooking,
ale and beer;
They eat and drink
from morn 'til night,
And then they make
MILORGANITE!

Their baseball team
is quite their pride,
It's fame had traveled
far and wide.
The grandstand has
a room in sight
where they can make
MILORGANITE!

After the game
they go to dinner,
It doesn't matter
who's the winner -

And after sleeping
through the night,
They make some more
MILORGANITE!

I state without
equivocation,
This chore has
keen cooperation;
It's manufacture
is an art,
where everybody
does his part.

Old men, young men,
perfumed ladies,
Boys and girls
and even babies;
Grunt and strain
and do what's right,
To pile up more
MILORGANITE!

Author unknown

**Profanity Makes
Ignorance Audible**

**"The membership
is pleased,
and I'm pleased."**

HARD WORK is an accumulation of easy things you
didn't do when you should have.

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NORTHERN CALIFORNIA

APRIL 11,	SANTA CLARA GOLF & TENNIS	ANNUAL MEETING
MAY 10,	ALAMEDA GOLF COMPLEX	
MAY 15,16	CALIFORNIA GCSA	SAN LUIS BAY INN
JUNE 21,	SARATOGA CC,	
JULY 12,	GREEN HILLS CC	SUPERINTENDENT/PRO TOURNEY
AUGUST	BODEGA BAY	
SEPT	PASATIEMPO	
OCT 19-20	GCSAA SEMINAR, CASTLEWOOD -	COURSE CONSTRUCTION
OCT	ANCIL HOFFMAN (JOINT MEETING /	SIERRA-NEVADA GCSA

MEMBERSHIP

Congratulations to the following who have become members of our group:
James Ferrin,Cameron Park CC, Cameron Park,Class A. Thomas Hagan, Escalon
GC, Escalon,Class A. and Jeff Hardy,Moffett Field GC, Moffett Field,Class B.

30-Day Waiting

Edward Ferreira, Royal Vista GC,San Ramon	Class B
Thomas Novak, Van Burkirk GC, Stockton	Class B
David Rosenstrauch, Orinda CC, Orinda	Class B
Darren Markus,Gilroy GC,Gilroy	Class B

Transfers

Ken Schwark,Richmond CC, Richmond	Class B
Tim McCoy, Tayman Park GC, Healdsburg,	Class B

New Today

Larry Johnson, Mather AFB, Mather	Class B
Timothy Thilo,Peach Tree CC, Marysville,	Class A
Robert Neal, Reed Equipment, Stockton	Class F

✓ ✓ ✓ PRESS RELEASE ✓ ✓ ✓ Electronic Bulletin Board for the Turf Industry

TURFBYTE, the first computer-accessible bulletin board for the turf industry, opened its doors this month for anyone desiring to take part in a new and unique way of communicating. Centrally located in Lawrence, Kansas, it offers the turf manager a way to gain valuable information and insight through the sharing of experiences from across the country for the price of a phone call.

The use of electronic bulletin boards to trade information among persons of similar interests is on the increase nation-wide. No longer just for computer experts, telecommunications is now common in all professions, and the use of bulletin boards offer a renewed sense of community in a world which has grown too large to easily assimilate. It is reminiscent of the old-time "party line" concept which kept the neighborhood together through a bit of harmless eavesdropping. With bulletin boards, everyone is encouraged to listen in and participate in the discussion, though not necessarily at the same time. Being able to join a discussion at one's convenience is the real value of this type of communication and a reason for its rapid growth.

TURFBYTE evolved from an idea presented in the November 1987 issue of *Golf Course Management* on telecommunications by Jon Scott, Valhalla GC, and Bill Spence of the Country Club at Brookline, site of the 1988 US Open. That article interested Duane Patton of the Lawrence (KS) Country Club. With the guidance of Dale Gadd, founder of his own computer bulletin board, TURFBYTE was created. At present, Duane is the system operator, or "Sysop" in computer jargon, and runs the service on his office computer at the club. Duane, and the others using TURFBYTE, welcome all newcomers to the board, and encourage anyone with a computer and telephone modem to sign on and become a regular contributor.

"Connecting to TURFBYTE is as easy as dialing a number," says Scott. "All you need is a computer modem and some type of communications software. When a connection is made with the bulletin board, simple, friendly instructions quickly get you signed up and communicating."

A typical visit takes five to 10 minutes once one becomes familiar with the system. First visits are slightly longer, but a few extra minutes reading instructions and bulletins pay off in faster visits. Messages from other users are read on command and replied to or commented on at will.

"The real value of the bulletin board concept depends on the user's participation in a discussion," Patton offers. "One subject may have as many comments or suggestions as there are users," he continues. "Messages to specific individuals can be addressed and sent very much like letters, and can be either private—seen by only the receiver, or public—shared by all. Whole text files and public computer programs, called shareware and public domain, can be sent to the board for all to download and use. Industry announcements are posted in the "Bulletins" section for all to read on sign-on. Messages can be left requesting a return phone call at a specified time, eliminating the need to play phone tag."

Patton and Scott feel the uses of the board are varied and many, depending on the expertise and needs of the visitor. "It does not take long to get started," says Scott. "The greatest fear I had was the idea that the phone meter was running, and I'd see a big bill cross my manager's desk. Now I am spending less total time on the phone than before and able to make my call when the rates are lower. That is saving money, and at the same time, I am gaining valuable information I might otherwise miss."

TURFBYTE currently supports 300- and 1200-baud modems with parity settings of 8 bits; no parity, 1 stop bit. The phone number is 913/842-0592 and the hours of operation are from 4:30 p.m. to 7:00 a.m. Central Time daily. Patton is available during business hours for voice communications by dialing the same number. Jon Scott can be reached at 502/245-1715 for further information on accessing TURFBYTE.

