

# Sunland Analytical

11419 Sunrise Gold Circle, #10  
 Rancho Cordova, CA 95742  
 (916) 852-8557

SUN NUMBER 126691

DATE 02/07/2012

Information requested by:  
 Tom Teriffic  
 Great Landscape

Information for:  
 8300 MAIN ST  
 Sample ID:

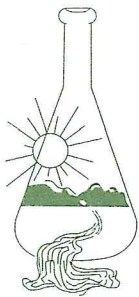
Irrigation Controller Schedule is based on the evapotranspiration values for SACRAMENTO, the soil analysis performed (water holding capacity and infiltration rate), the slope of the area to be watered, the type of planting (H, M, L, for high, medium and low water use plants), the watering device characteristics, and local and state regulations.

Actual run time may vary with other conditions, It is the responsibility of the individual watering to make adjustment for these other conditions.

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 ESTABLISHMENT IRRIGATION CONTROLLER SCHEDULE

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CTRL. ID	Type	Pricp. Rate	Plant Type	Slope	SUN Anal.#	Seasons				
						Wint	Spr	Sum	Fall	
1	D	0.15	M	12	126511	Da/Wk	3	7	7	7
						Cyc/Da	3	3	3	3
						Min/Cyc	7	12	19	9
						Gal/Mo.	276	1105	1750	829
2	D	0.21	L	7	126511	Da/Wk	1	2	4	2
						Cyc/Da	1	2	2	2
						Min/Cyc	19	18	15	14
						Gal/Mo.	314	1189	1981	925
3	S	0.46	L	7	126511	Da/Wk	1	2	3	1
						Cyc/Da	1	2	3	3
						Min/Cyc	9	8	6	8
						Gal/Mo.	417	1482	2501	1112
4	S	0.46	H	5	126511	Da/Wk	2	7	7	5
						Cyc/Da	2	3	3	3
						Min/Cyc	8	6	10	7
						Gal/Mo.	284	1120	1866	933
5	D	0.21	L	7	126511	Da/Wk	1	2	4	2
						Cyc/Da	1	2	2	2
						Min/Cyc	19	18	15	14
						Gal/Mo.	179	677	1128	526
6	D	0.21	H	7	126511	Da/Wk	2	7	7	7
						Cyc/Da	2	2	3	2
						Min/Cyc	18	20	22	15
						Gal/Mo.	492	1913	3157	1435



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11419 Sunrise Gold Circle, #10  
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SUN NUMBER 126691

DATE 02/07/20

Information requested by:

Information for:

Tom Teriffic

8300 MAIN ST

Great Landscape

Sample ID:

## IRRIGATION CONTROLLER SCHEDULE

### ANNUAL WATER APPLICATION

VALVE NUMBER	Total Inches	Total Gallons per SQ.FT.	Total Gallons (Gal.x Area)	Hydrozone Area (Sq.Ft.)
1	29	18.3	11848	648
2	12	7.5	13184	1742
3	12	7.4	16485	2231
4	47	29.3	12570	428
5	12	7.5	7508	992
6	47	29.0	20928	721

TOTAL IRRIGATED AREA

6762

AVERAGE GALLON/SQ.FT.

12.2

AVERAGE INCHES OF PRECIPITATION

19.6

ESTIMATED APPLIED WATER (EAW)-GALLONS

82523

ESTIMATED TOTAL WATER USE (EWU)-GALLONS

118408

SITE PF = 0.45 SITE EI = 0.82

MAXIMUM APPLIED WATER ALLOWANCE (MAWA)-GALLONS

173789

THE MAWA IS CALCULATED FROM THE FOLLOWING EQUATION:  $MAWA = (ET_o) (.8) (LA) (.62)$

THE EWU IS CALCULATED FROM THE EQUATION:  $EWU = ((ET_o) (PF) (HA) (.62)) / IE$

ET<sub>o</sub> is the annual Evapotranspiration rate for this area (51.9), .8 is the adjustment factor for the ET<sub>o</sub>, LA is landscape area (see above Total Irrigated Area), HA is the hydrozone area in sq.ft. and 0.62 is the conversion to gallons per square foot. PF is the plant factor of: Low .3, medium .6, high 1.0. IE is the irrigation efficiency: drip .9, bubbler .85, spray .7.

\* Water use calculations are based upon appropriate use of emitters to provide the precipitation rates as determined by the manufacturers.