	$\frown \frown \frown$				~
Excel spread sheet set up to show maximum daily w DAY DAY VISITORS (15 GPD) STAFF (15	astewater flows and that a 5 GPD) CAMPERS (35 GPD)	system set up to treat and dis GALLONS OF WASTEWATER	spose of up to 6000 gal GALLONS PUMPED G	lons a day is adequate to handle ther ALLONS LEFT IN TREATMENT TANK	m
FRIDAY 500 2	0	7530	6000	1530	
SATURDAY 212 2	48	4890	6000	420	
SUNDAY 364 2	48	7170	6000	1590	
MONDAY 212 5	48	4935	6000	525	
THESDAY 212 5	48	4935	6000	-540	
IOLSDAT 212 5 WEDNESDAV 212 5	48	4935	6000	-1605	
WEDNESDAY 212 5	40	4955	6000	-1005	
THURSDAY 212 5	40	4955	6000	-2670	
TOTAL 1024 20	200	20220	42000		
101AL 1924 20	288 A A	39330	42000		
Excernt from County's Onsite Manual					
3. Flow Equalization. Flow equalization may be		311	N. Starting		
used for non-residential and mixed use facilities					
that experience significant, regular and					
predictable fluctuations in wastewater flows. Examples of applicable facilities include		N 67*36'20" E 177.18		300	
but are not limited to:			Nem		
Churches				30"E 126	
Schools					
Special event venues		<u> </u>		Al 722	
Flow equalization is the process of controlling the		6			"E
nroviding surge canacity storage and					200 B
timed-dosing of the incoming flow. Installed			62		19 M 1
following the septic tank, it allows peak surges in					Nego Maria
wastewater flow (e.g., from a weekend event) to		(35)	100	360	10 00 00 00
be temporarily stored and metered into the					
field at a relatively even ("average") rate over an					A.
extended number of days (e.g., during the					60%
subsequent week). This generally aids OWTS		7 V AS	sco		
performance. Where flow equalization is			ssco.		23
proposed to be incorporated in an OWTS the		(37)			<u> (998)</u>
tollowing apply:		MAX ANA			je i
a. the septic tank capacity shall be sized based on the neak daily flow for the facility:		MANA A			~~n
b. the design flow used for sizing supplemental		1500 gallon septicitan		MENLE NUS	- Arr
treatment unit(s) and/or the dispersal field may			SSCO		
be based on the equalized ("average") flow rate					\supset
rather than the peak daily flow rate for the				SEPTICEFFLUENT.PIPE	Y
Tacility;					
must be submitted substantiating the proposed					
design and operation of the flow equalization					
system; and					
d. an operating permit (per OWTS Ordinance				U Î VI Î	AN H
section B11-92) will be required.					
Note:					
Vehicles will not be washed on site except for					
golf cart type vehicles located in inside their					
covered storage area, there will be no significant					
wastewater generated by this process.					il.
ALTERNATIVE SYSTEMS					1
		148	912 square feet tot	al cemetery	
The septic systems shown here incorporate the					33
use of NSF 40 certified frediment units (a Multiflo) and shallow drip system dispersal of	(A) (B)				
effluent to enhance the treatment of this					S.
wastewater stream and reduce any potential	4				
pollutants before they can contaminate the					
ground water.	7 8 10 333				X
The drin disposal system was designed using					
Geoflow (manufacturer of the the drip tubing	6			FAILED TOO FAS	, re
and much of he hardware) and County criteria.					
Excel spreadsheets with design criteria are	RAISAN		A: 154,632.1	4 sq ft	J
attached.					
The treatment system is NSF 40 certified and a					No.
supplement for the owner and /County contains	BSS				
the operation and maintenance guidelines for it.		5 ⁹⁸			
Since these are alternative and the sector of the		(16)		R	
Since mese are alternative systems in Santa Clara County, the County requires that the owner				3/10	
obtain an operating permit from them (has to be					
renewed every year and has annual fees) and					
hire a company to maintain the system as a				100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100	
condition of issuing the permit to allow its installation			P		H
instanction.					4.
				1. ···	4.4
From County Outline Manual				1 the is	l
Trom County Unsite Manual 4. Dripfield Sizing.	Past 1				
a. Minimum sizing of the dripfield area shall be equal to the design wastewater flow				A first	
divided by the applicable wastewater application rate from Table DD-1 .				and the states	
5. For signing purposes, effective ground surface area used for drip field sizing calculations shall be limited no more than 4.0 square feet per drip emitter. For example, 200 lineal forst of drip the purpose area of the size of th				Ser Martin	
reet or origine with emitters at 2-foot spacing would provide a total of 100 emitters $(200/2)$ and could be used for dispersal to an effective area of up to 400 ft ² (100	SN2 LI		A AA AY	sy har by the s	S
emitters x 4 ft ² /emitter). Conversely, if wastewater flow and percolation design information indicate the need for an effective area of 1,000 ft ² , the dripline design and	14)	SSEO - S			No.
layout would have to be configured to provide a minimum of 250 emitters spaced over the required 1,000 ft ² dispersal area.				A Contraction of the second se	
		3 4 5 6 7 8 4 9 10 12 1			STORE FOR
	.9	<i>(</i>	(AB)	A A A A A A A A A A A A A A A A A A A	X
		\Rightarrow			1
	16			(9) Second Second	
		BAR COLOR OF COLOR	Propage Stall	Jon HERE	
PAGE KEY			J. C.J. C.J. C.J.		A
1. SITE PLAN	19 19		5/21	(12)	de la
2. SOIL DATA		alan lar lar lan	a series and the		Saver
3. TANKS, TRENCHES, & TREATMENT UNITS	9. K	29			0
4. RESIDENTIAL SYSTEM LAYOUT	A State		A Company Company		N
5. RESIDENTIAL SYSTEM CALCULATIONS	THE SAMPASPA	492 ×			-

- 5. NON-RESIDENTIAL SYSTEM LAYOUT NON-RESIDENTIAL SYSTEM CALCULATI
- 3. NOTES AND REQUIREMENTS3. SELECTED EQUIPMENT SPECIFICATIONS
- 10. COMMUNITY CENTER FLOOR PLAN



Note for Monday--Thursday: This figure (217 day-users + 48 summer campers) represents

