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TRAFFIC ANALYSIS



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Traffic Flow Calculations for the Caldwell Vineyard Winery

Located at: 270 Kreuzer Lane Napa, CA 94558

Date: 1/20/2017 Rev: 5/31/2017

Project # 00193



JUL 25 2017

Napa County maining, audding & Environmental Services

<u>Legend</u>	-
Requires Input	_
Automatically Calculates	_
Important Value Automatically Calculates	-

Important Value Requires Input

Hit ctrl+alt+shift+F9 when finished to recalc all formulas

Traffic During a Typical Wed	<u>ekday</u>			
		FACTOR	DAILY TRIPS	
NUMBER OF FT EMPLOYEES =	2	3.05	6.10	
NUMBER OF PT EMPLOYEES=	1	1.9	1.90	
AVE. # WEEK DAY VISITORS=	8	1.3	6.15	
GALLONS OF PRODUCTION=	25000	55555.6	0.45	
		TOTAL=	14.60	
(# OF FT EMP)+(# OF PT EMP/2)+(VI	S+TRK TR			PM PEAK TRIP
Traffic During a Typical Sati				
// OF FT F1 (D) (O) (O)			DAILY TRIPS	
# OF FT EMPL (ON SAT) =	2	3.05	6.10	
# OF PT EMPL (ON SAT)=	1	1.9	1.90	
AVE. # SATURDAY VISITORS=	8	1.4	5.71	
		TOTAL	40.74	
/# OF ET EMP) + /# OF DT EMP/2) + //	UCTOD TO	TOTAL=	13.71	Paggram & Community
(# OF FT EMP)+(# OF PT EMP/2)+(\)	1510K IK	.IPS X.57)=	5.76	PM PEAK TRIP
Traffic During a Crush Satu	rday	······································		7
		FACTOR	DAILY TRIPS	
# OF FT EMPL (ON SAT) =	2	3.05	6.10	
# OF PT EMPL (ON SAT)=	1	1.9	1.90	
AVE. # SATURDAY VISITORS=	8	1.4	5.71	
GALLONS OF PRODUCTION=	25000	55555.6	0.45	
AVE ANNUAL TON GRPE ON HAUL:	175	72	2.43	
		TOTAL=	16.59	
Largest Marketing Event- Additio	nal Traffi	r.		
		FACTOR	TRIPS	
# OF EVENT STAFF (LRG EV)=	4	2	8.00	
# OF VISITORS (LRG EV)=	56	1.4	40.00	
	6	2	12.00	
# SPCL EVNT TRCK TRPS (LRG EV)				
# SPCL EVNT TRUK TRPS (LRG EV)		TOTAL=	60.00	

Max Traffic During a Week	day	-: :::utiO11	/ Trip Gener	andii Gileet
Max Traine During a Week	uay :	EXCTOR	DAILY TRIPS	
NUMBER OF FT EMPLOYEES =	6	3.05	18.30	
NUMBER OF PT EMPLOYEES=	6	1.9	11.40	
AVE. # WEEK DAY VISITORS=	60	1.3	46.15	
GALLONS OF PRODUCTION=	35000	55555.6	0.63	
		1 00000.0		
		TOTAL=	76.48	
(# OF FT EMP)+(# OF PT EMP/2)+(VI	S+TRK TR	IPS X.38)=	26.78	PM PEAK TRIPS
Max Traffic During a Sature				
	····		DAILY TRIPS	
# OF FT EMPL (ON SAT) =	6	3.05	18.30	
# OF PT EMPL (ON SAT)=	6	1.9	11.40	
AVE. # SATURDAY VISITORS=	60	1.4	42.86	
		TOTAL=	72.56	
(# OF FT EMP)+(# OF PT EMP/2)+(V	ISTOR IR	PS X.57)=	33.43	PM PEAK TRIPS
		PS X.57)=	33.43	PM PEAK TRIPS
Max Traffic During a Crush Sa				PM PEAK TRIPS
Max Traffic During a Crush Sa	<u>turday</u>	FACTOR	DAILY TRIPS	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) =	turday 6	FACTOR 3.05	DAILY TRIPS 18.30	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT)=	turday 6 6	FACTOR 3.05 1.9	DAILY TRIPS 18.30 11.40	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT)= AVE. # SATURDAY VISITORS=	6 6 6 60	3.05 1.9 1.4	DAILY TRIPS 18.30 11.40 42.86	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT)= AVE. # SATURDAY VISITORS= GALLONS OF PRODUCTION=	6 6 6 60 35000	3.05 1.9 1.4 555555.6	DAILY TRIPS 18.30 11.40 42.86 0.63	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT)= AVE. # SATURDAY VISITORS= GALLONS OF PRODUCTION=	6 6 6 60	3.05 1.9 1.4	DAILY TRIPS 18.30 11.40 42.86	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT)= AVE. # SATURDAY VISITORS=	6 6 6 60 35000	3.05 1.9 1.4 55555.6 72	DAILY TRIPS 18.30 11.40 42.86 0.63 3.40	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT)= AVE. # SATURDAY VISITORS= GALLONS OF PRODUCTION=	6 6 6 60 35000	3.05 1.9 1.4 555555.6	DAILY TRIPS 18.30 11.40 42.86 0.63	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT)= AVE. # SATURDAY VISITORS= GALLONS OF PRODUCTION=	6 6 6 60 35000 245	73.05 1.9 1.4 55555.6 72	DAILY TRIPS 18.30 11.40 42.86 0.63 3.40	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT)= AVE. # SATURDAY VISITORS= GALLONS OF PRODUCTION= AVE ANNUAL TON GRPE ON HAUL=	6 6 6 60 35000 245	73.05 1.9 1.4 55555.6 72	DAILY TRIPS 18.30 11.40 42.86 0.63 3.40	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT) = AVE. # SATURDAY VISITORS = GALLONS OF PRODUCTION = AVE ANNUAL TON GRPE ON HAUL = Largest Marketing Event- Addition # OF EVENT STAFF (LRG EV) =	6 6 6 60 35000 245	73.05 1.9 1.4 55555.6 72	DAILY TRIPS 18.30 11.40 42.86 0.63 3.40 76.59	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT) = AVE. # SATURDAY VISITORS = GALLONS OF PRODUCTION = AVE ANNUAL TON GRPE ON HAUL = Largest Marketing Event - Addition # OF EVENT STAFF (LRG EV) = # OF VISITORS (LRG EV) =	6 6 6 60 35000 245	FACTOR 3.05 1.9 1.4 55555.6 72 TOTAL=	18.30 11.40 42.86 0.63 3.40 76.59	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT) = AVE. # SATURDAY VISITORS = GALLONS OF PRODUCTION = AVE ANNUAL TON GRPE ON HAUL = Largest Marketing Event- Addition # OF EVENT STAFF (LRG EV) =	6 6 6 60 35000 245	FACTOR 3.05 1.9 1.4 55555.6 72 TOTAL= FACTOR 2	18.30 11.40 42.86 0.63 3.40 76.59	PM PEAK TRIPS
Max Traffic During a Crush Sa # OF FT EMPL (ON SAT) = # OF PT EMPL (ON SAT) = AVE. # SATURDAY VISITORS = GALLONS OF PRODUCTION = AVE ANNUAL TON GRPE ON HAUL = Largest Marketing Event - Addition # OF EVENT STAFF (LRG EV) = # OF VISITORS (LRG EV) =	6 6 60 35000 245	FACTOR 3.05 1.9 1.4 55555.6 72 TOTAL= FACTOR 2 1.4	TRIPS 16.00 71.43	PM PEAK TRIPS