

# Waste Water Demand Estimate

Project: Buena Vista Vineyard  
 Project Address: 3925 Buena Vista Dr, Paso Robles, CA 93446  
 APN: 025-390-011 & 025-390-038  
 Date: 03/12/2024



## DOMESTIC DEMANDS

	Quantity	Type	Flow Rate	Facility Demand (GPD)
1. HOTEL	155	Unit <sup>1</sup>	60	9,300
2. WINE TASTING	45	Guest <sup>2</sup>	5	225
3a. RESTAURANT (within hotel)	1	Unit <sup>3</sup>	1495	1,495
3b. RESTAURANT (separate)	1	Unit <sup>3</sup>	1495	1,495
4. MEDICAL SPA COTTAGES	7	Bed <sup>4</sup>	250	1,750
5. WEDDING PAVILION	200	Guest <sup>2</sup>	5	1,000
6.1. MAINTENANCE BUILDING - EMPLOYEE	4	Employee <sup>5</sup>	20	80
6.2. HOTEL - EMPLOYEE	10	Employee <sup>5</sup>	20	200
6.3. WINE TASTING - EMPLOYEE	6	Employee <sup>5</sup>	20	120
6.4. RESTAURANT - EMPLOYEE	20	Employee <sup>5</sup>	20	400
6.5. MEDICAL SPA - EMPLOYEE	6	Employee <sup>5</sup>	20	120
6.6. WEDDING PAVILION - EMPLOYEE	10	Employee <sup>5</sup>	20	200
6.7. GUEST ENTRY LOBBY AND VALEY - EMPLOYEE	2	Employee <sup>5</sup>	20	40
7. LAUNDRY	7.5	Cycle <sup>6</sup>	50	375
8. COTTAGES	30	Unit <sup>7</sup>	60	1,800
9. TENTS	8	Unit <sup>8</sup>	15	120
10. CONFERENCE MEETING CENTER	150	Guest <sup>2</sup>	5	750
Subtotal				19,470 GPD

### Notes:

CPC Table H 201.1(4) was used to determine gpd for each use:

1. Hotel no kitchen CPC Table H 201.1(4) Estimated @ 60 gpd/bed
2. Event center assessed with code as dance hall CPC Table H 201.1(4) Estimated @ 5 gpd/person
3. Restaurants: [CPC Table H 201.1(4) Estimated patrons @ 7 gpd/patron + Kitchen/Dining/Garbage Demand @ 6 gpd/meal]; 75 seats with dining turnover expected at 115 patrons total, 115 meals.
4. Medical use assessed with CPC Table 201.1(4) as like kind with Hospitals @ 250 gpd/bed.
5. Employee CPC Table H 201.1(4) Estimated @ 20 gpd/employee
6. Laundry Facilities CPC Table H 201.1(4) Estimated @ 50 gpd/cycle. Assumes 1/4 of rooms to wash per day with 2 rooms per machine cycle.
7. Motel with kitchen CPC Table H 201.1(4) Estimated @ 60 gpd/unit
8. Camps (day) with no meals served CPC Table H201.1(4) Estimated @ 15gpd/person