

Wastewater Demand Estimate

Project: Buena Vista Vineyard
Project Address/APN: 3925 Buena Vista Dr, Paso Robles, CA 93446
APN: 025-390-011 & 025-390-038
Date: 10/19/2023



DOMESTIC DEMANDS

	Quantity	Type	Flow Rate	Facility Demand (GPD)	
1. HOTEL ROOM	180	Unit ¹	60	10,800	
2. WINE TASTING	45	guest ²	5	225	
3a. RESTAURANT (within hotel)	1	Unit ³	1495	1,495	
3b. RESTAURANT (separate)	1	Unit ³	1495	1,495	
4. MEDICAL SPA	7	Bed ⁴	250	1,750	
5. WEDDING PAVILION	200	guest ²	5	1,000	
6. MAINTENANCE BUILDING	4	Employee ⁵	20	80	
7. LAUNDRY	7.5	Cycle ⁶	50	375	
8. CONFERENCE MEETING CENTER	150	guest ²	5	750	
Subtotal				17,970	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 gal/bed
2. Event center assessed with code as dance hall CPC Table H 201.1(4) Estimated @ 5 gal/person
3. Restaurants: [CPC Table H 201.1(4) Estimated patrons @ 7 gal/patron + Kitchen/Dinning/Garbage Demand @ 6 gal/meal]; 75 seats with dinning turnover expected at 115 patrons total, 115 meals.
4. Medical use assessed with CPC Table 201.1(4) as like kind with Hospitals @ 250 gal/bed.
5. Employee CPC Table H 201.1(4) Estimated @ 20 gal/employee
6. Laundry Facilities CPC Table H 201.1(4) Estimated @ 50 gal/cycle. Assumes 1/4 of rooms to wash per day with 2 rooms per machine cycle.