

LAND DEVELOPMENT AND PROCEDURES

163 Attachment 8

Borough of Chester

Appendix E

Sanitary Sewage Volumes by Facility

The following table from N.J.A.C. 7:9A-7.4 is for use in calculating three-hundred-gallon-per-day septic system equivalents by facility type, pursuant to § 163-105C(4)(b) of this article.

The criteria listed herein are minimum standards for average facilities of the categories listed. In cases where a facility does not fall within any of the categories, the administrative authority may approve the use of other documented criteria, such as actual water data for the facility or other similar facilities, provided that the value used for design is at least 50% greater than the average daily volume of sewage.

Type of Establishment	Method of Estimation (gallon per user or gallon per unit per day)
1. Airport	5 gal/passenger
2. Assembly Hall	3 gal/seat/day
3. Auto Service Station	10 gal/car served
4. Bar	5 gal/patron
5. Bathhouse with shower	25 gal/person
Without shower	10 gal/person
6. Beach Club	25 gal/person
7. Beauty parlors and salons	120 gal/day/sink
8. Boardinghouse, meals	75 gal/guest(2)
	15 gal/non-resident boarder
9. Bowling Alley, no food	125 gal/lane/day
With food, add	5 gal/patron
10. Bus Stop Rest Area	5 gal/passenger
11. Cafeteria	5 gal/customer
12. Camp, cottage (barracks type)	65 gal/person
13. Camp, day, no meals	20 gal/person
14. Camp, resort	100 gal/site/day(2)
15. Camp, trailer	100 gal/site/day(2)
With toilets, add	10 gal/person/day
16. Church, with or without kitchen	3 gal/seat/day
17. Cocktail lounge	5 gal/customer
18. Coffee shop	5 gal/customer
19. Comfort station/picnic grounds	
With toilets	10 gal/person
With toilets and showers	15 gal/person
20. Cottages	100 gal/person(2) (minimum 350 gal/dwelling unit/day)
21. Country club	60 gal/member/day 25 gal/non-member

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Type of Establishment	Method of Estimation (gallon per user or gallon per unit per day)
22. Dining hall	5 gal/customer
23. Dormitory, bunkhouse	40 gal/bed/day
24. Factory/industrial building	15 gal/employee per eight hour shift
With showers, add	15 gal/employee per eight hour shift
25. Hospital, medical	250 gal/bed/day
26. Hospital, mental	150 gal/bed/day
27. Hotels	130 gal/room/day
28. Institution, other than hospital	150 gal/bed/day
29. Laundry, self-service	50 gal/wash
30. Motel	130 gal/room/day
31. Nursing/rest home	150 gal/bed/day
32. Office buildings	15 gal/employee per eight hour shift or 0.125 gal/square feet, whichever is greatest
33. Prison	150 gal/inmate/day
34. Restaurant	
Sanitary wastes only	5 gal/patron only
Kitchen waste, add	5 gal/patron
35. Rooming house, no meals	65 gal/bed/day
36. School, boarding	100 gal/student/day
37. School, day	
No cafeteria or showers	10 gal/student/day
Cafeteria only	15 gal/student/day
Cafeteria and showers	20 gal/student/day
Cafeteria, showers and laboratories	25 gal/student/day
38. Shopping center	0.125 gal/square feet/day(1)
39. Stadium	3 gal/seat/day
40. Store	0.125 gal/square feet/day(1)
41. Swimming pool	10 gal/person
42. Theater, indoor	3 gal/seat/day
43. Theater, outdoor	10 gal/parking space
44. Visitor center	5 gal/visitor

- (1) Volume of sanitary sewage for employees included within method of estimation indicated.
- (2) If laundry wastes are anticipated, increase the estimated flow by 50%.