

**Becker / Pearce Excess Capacity Rebuttal Exhibit 5
W-218 Sub 526**

Carolina Meadows Design Flow Summary

Completed by Joseph Pearce PE

Carolina Meadows Senior Care	128665	gpd
Camden Apartment Complex	63000	gpd
Commercial	15955	gpd
Single Family Residences	184049	gpd
Grand Total	391669	gpd

Carolina Meadows Senior Care

Facility Info Provided by Dan Camara, VP Operations of Carolina Meadows.

	Count	Design Basis	Design Flow (gpd)
Assisted Living and Nursing Home Beds with Laundry	169	120 gpd/bed	20280
Beauty Shop	5	125 gpd/bowl	625
1 and 2 bedroom homes	287	240 gpd	68880
1 and 2 bedroom apartments	162	240 gpd	38880
		Total	128665

Camden at Carolina Meadows Apartment Complex

Facility Info Provided by Lauren Blankenship, Camden Community Manager

	Count	Design Basis	Design Flow (gpd)
1 and 2 bedroom apartments	201	240 gpd	48240
3 bedroom apartments	41	360 gpd	14760
		Total	63000

Commercial

Completed by field survey by Joe Pearce PE

	Count	Design Basis	Design Flow (gpd)	
Food Lion w meat and produce			500	best professional judgment
Papa Johns			250	best professional judgment
Nail Salon(booths)	12	125 gpd	1500	
Cleaners			200	best professional judgment
Subway (Single Service)	24	20 gpd/seat	480	
Al's Burger Shack (Single Service)	48	20 gpd/seat	960	
Flair (Full Service)	70	40 gpd/seat	2800	
Dentist	2	250 gpd/practitioner	500	
Village Vet	2	250 gpd/practitioner	500	
Bravo Dance			100	best professional judgment
Tarantini Italian	100	40 gpd/seat	4000	best professional judgment
PNC Bank	6	25 gal/employee/shift	150	
Montessori School	209	10 gal/student	2090	
Blue Bamboo Hair Salon	10	125 gpd/booth	1250	
Casa Club Preschool and Daycare	23	25 gal/student&staff	575	
Pharmacy			50	best professional judgment
ABC Store	2	25 gpd/staff	50	
		Total	15955	

Single Family Residences

Based on MLS Survey of 80% of Single Family Residences

Number of Single Family Residences	442
Average # of Bedrooms/home	3.47
Design Basis (gpd/bedroom)	120
Single Family Residential Total Flow	184049