



Existing Sewer Generation

Sewer	Ratio	Water demand	Wastewater Flow
Retail	0.8	15,771.50	12617.20331
Office	0.8	440.60	352.4760331
Industrial	0.8	55,906.38	44725.10413
Civic/Inst	0.8	22,355.57	17884.4562
residential	0.69	1,785,823.20	1232218.008
total		1,880,297.25	1,307,797.25

Project Sewer Generation

	Ratio	Water demand	wastewater flow
Retail	0.80	5,323.16	4258.528264
Office	0.80	8,645.29	6916.231405
industrial	0.80	4,072.73	3258.181818
residential	0.69	603,808.80	416628.072
total		621,849.98	431,061.01

Existing + Project

total	1,738,858.26
% inc. o/existing	0.247898879

Existing Water Demand

Land Use	Square feet	Acres	Ave Day Water Demand (gpm)	ave day gpd	ave day afy
Retail	298,180.00	6.85	10.95	15,771.50	17.67
Office	8,330.00	0.19	0.31	440.60	0.49
Industrial	1,056,980.00	24.26	38.82	55,906.38	62.62
Civic/Inst	422,660.00	9.70	15.52	22,355.57	25.04
<b>Total</b>	<b>1,786,150.00</b>	<b>31.30</b>	<b>50.08</b>	<b>72,118.48</b>	<b>80.78</b>

  

residential units	persons	gpd	afy
4185	10629.9	1,785,823.20	2,000.38

  

total ave day water demand		2,081.16 afy
		1,857,941.68 gpd

- 1 ac = 168 gpcc
- 1 ac = 43,560 sf
- 1 gpm/ac = 1.6
- 1 ac-ft = 325851 gallons
- 1 yr = 365 days
- 1 househol = 2.54 persons