

Appendix Q

Solid Waste Calculations



Quantity	Units	Generation Factor	Total (tons)	(LB for hardscape)	Total Hardscape (tons)	Concrete excavated 8 inches
DEMOLITION						
<u>Demolition</u>						
Existing buildings	105,047 sf				4,864	Per CalRecycle Solid Waste Cleanup Program Weights and Volumes for Project Estimates - Construction Debris, Wood, Uncompacted
(converted to cy)	2,594 cy	400 lb/cy	519		1,037,501	5827.20 Asphalt excavated 8 inches Soil excavated 1 ft 4 inches
Hardscape - Concrete						
(converted to cy)	3,606 cy	2400 lb/cy	4,327		8,654,400	Per CalRecycle Solid Waste Cleanup Program Weights and Volumes for Project Estimates - Construction Debris, Asphalt or Concrete, Loose
Hardscape - Soil						
(converted to cy)	1,000 cy	3000 lb/cy	1,500		3,000,000	Per CalRecycle Solid Waste Cleanup Program Weights and Volumes for Project Estimates - Earth - Excavated/Wet
			6,346			
CONSTRUCTION						
New Buildings	536,000 sf					Per CalRecycle Solid Waste Cleanup Program Weights and Volumes for Project Estimates - Construction Debris, Wood, Uncompacted
	13,235 cy	400 lb/cy	2,647		5,293,827.16	
C&D Total					8,992.86	
					Total (tons)	
Total (Pre-Diversion)					8,993	0.01%
Total (Post 75% Diversion)					2,248	0.00%
Soil Export	290,000 cy	3000 lb/cy	435,000		870,000,000	Per CalRecycle Solid Waste Cleanup Program Weights and Volumes for Project Estimates - Earth - Excavated/Wet
		pre diversion	443,992.86		0.69%	
		post diversion	437,248.22		0.68%	
Remaining Capacity at Azusa						
64,640,000 tons						

PROPOSED

Land Use	Quantity	Units	# of Emp	Generation	Factor	Gen (ton/yr)	Gen (lb/day)
Office	536,000	sf	2400		2.02 tons/emp/year	4,848	26,564
Proposed Subtotal						4,848	26,564

EXISTING

Land Use	Quantity	Units	# of Emp	Generation	Factor	Gen (ton/yr)	Gen (lb/day)
Culver City Parcel							
Storage	9,739	sf	0	0	0	0	0
Vacant	9,082	sf	0	0	0	0	0
Los Angeles Parcel							
Office	51,500	sf	155		2.02 tons/emp/year	312	1,710
Retail	34,726	sf	69		1.96 tons/emp/year	136	746
Existing Subtotal (Pre)						448	2,456
Existing (Post)						157	860

Net (Pre-Diversion)						4,691	25,705
Net (Post 65% diversion)						1,642	8,997

% of Annual 2020	% of Capacity 2020	% of Capacity 2020
0.04%	0.003%	0.01%
0.01%	0.001%	0.003%

2020 County Annual Waste Generation
11,401,870 tons/yr

2020 Remaining Capacity
142,670,000 tons/yr

2026 Cumulative Generation	Remaining Capacity
85,093,440	57,576,560

SUNSHINE			
	2020 Daily Disposal Rate	Max Daily Capacity	Unused capacity
	7,907 tons	12100 tons/day	4193
Project's Daily Disposal	% of Unused Capacity		
15.03565522 tons/day	0.35859%		
Project's Daily Disposal w/ Div	% of Unused Capacity		
5.262479326 tons/day	0.12551%		

Pop	Employment
670800	858900
6.5%	20.7%

sf/unit/bed/room					
3,655	Residential	3,655 units	0.87 tons/du/year	3,180	17,424
265,136	Commercial	743 emp	1.96 tons/emp/year	1,457	7,982
2,106,239	Office	8,425 emp	2.02 tons/emp/year	17,018	93,252
19,054	Schools	2,858 emp	0.45 tons/emp/year	1,286	7,047
189,212	Other Services	141 emp	1.09 tons/emp/year	153	841
Check	2,583,296	2,583,296		23,094	126,545

Solid Waste Generation (tons/year)	Solid Waste Generation (lbs/day)
23,094	126,545
4,691	25,705
27,786	152,250

2020 County Annual Waste Generation	11,401,870 tons/yr	0.2%	0.1%
2020 Remaining Capacity	142,670,000 tons/yr	0.02%	0.01%
2035 Cumulative Generation	85,093,440 tons	0.03%	0.01%

Related Project No.	Project Location	Land Use	Size	Employee Total
1	5863 Washington Boulevard	Office	17,500 sf	70
2	5773 W. Adams Boulevard	Apartments	65 du	
		Retail	2,300 sf	4.6
3	3030 La Cienega Boulevard	Retail	1,250 sf	2.5
4	3301 S. Canfield Avenue	Apartments	50 du	
5	8700 Washington Boulevard	Apartments	199 du	
		Live/Work Office	17,250 sf	69
		Restaurant	5,000 sf	20
		Retail	17,750 sf	35.5
6	3200 S. La Cienega Boulevard	Apartments	254 du	
7	3321 S. La Cienega Boulevard	Mixed Use Apartments	1218 du	
		Office	200,000 sf	800
		Retail	100,000 sf	200
8	3336 Helms Avenue	Condominiums	6 du	
9	3434 Wesley Street	Apartments	15 du	
		Office	14,237 sf	56.948
10	3727 Robertson Boulevard	Apartments	12 du	
		Commercial	3,950 sf	15.8
11	3710 Robertson Boulevard	Apartments	141 du	
		Creative Office	64,200 sf	256.8
		Commercial	30,042 sf	120.168
12	8570 National Boulevard	Office	24,000 sf	96
		Retail	4,000 sf	8
13	3516 Schaefer Street	Creative Office	9,338 sf	37.352
14	3939 Landmark Street	School	50 students	7.5
15	8888 Washington Boulevard	Office	56,559 sf	226.236
		Retail	5,972 sf	11.944
16	3401 S. La Cienega Boulevard	Apartments	260 du	
		Office	277,543 sf	1110.172
		Retail	2,869 sf	5.738
17	3739 S. Cardiff Avenue	Apartments	69 du	
18	8902 Hubbard	Condominiums	1 du	
19	5860 W. Jefferson Boulevard	Office	344,947 sf	1379.788
20	4116 Higuera Street	Condominiums	1 du	
21	3817 Watseka Avenue	Office	149,439 sf	597.756
22	8511 Warner Drive	Retail/Restaurant	51,520 sf	206.08
23	3577 S. Overland Avenue	Apartments	119 du	
		Restaurant	2,000 sf	8
24	8509 Higuera Street	School	100 students	15
25	9735 Washington Boulevard	Office	55,477 sf	221.908
		Retail	12,249 sf	24.498
		Restaurant	4,147 sf	16.588
26	8631 Hayden Place	Creative Office	230,000 sf	920
27	3664 S. Overland Avenue	Apartments	187 du	
		Restaurant	3,600 sf	14.4
28	9814 Washington Boulevard	Theater	200 seats	4
29	3814 S. Dunn Drive	Apartments	207 du	
30	LA County Community College	Community College	92,000 sf	2,836
31	4080 Lafayette Place	Condominiums	5 du	
32	5950 W. Jefferson Boulevard	Office	64,000 sf	256
		Retail	2,000 sf	4
		Restaurant	4,000 sf	16
33	6024 W. Jefferson Boulevard	Office	90,054 sf	360.216
		Warehouse	50,775 sf	25.3875
		Manufacturing	53,762 sf	26.881
		Coffee Shop	2,200 sf	8.8
34	4044 Lincoln	Apartments	4 du	
35	10424 W. Venice Boulevard	Mixed Use Apartments	79 du	
36	9405 Jefferson Boulevard	Office	65,800 sf	263.2
37	10202 Washington Boulevard	Office	45,850 sf	183.4
38	9615 Lucerne Avenue	Condominiums	2 du	
39	4044 Madison Avenue	Condominiums	4 du	
40	10375 W. Washington Boulevard	Condominiums	139 du	
		Retail	1,969 sf	3.938
41	4030 La Salle Avenue	Condominiums	4 du	
42	4164 Lincoln	Condominiums	2 du	
43	4170 Lincoln	Condominiums	2 du	
44	3814 Lenawee Avenue	Single Family Homes	8 du	
		Assisted Living Facility	110 bed	
45	4051 Jackson Avenue	Condominiums	9 du	
46	9925 Jefferson Boulevard	Creative Office	51,178 sf	204.712
47	9930 Jefferson Boulevard	Media Studio	84,475 sf	84.475
48	5870 Jefferson Boulevard	Office	328,867 sf	1315.468
49	10626 W Venice Boulevard	Apartments	109 du	
		Retail	3,318 sf	6.636
50	10417 W Washington Boulevard	Apartments	111 du	
		Retail	2,000 sf	4
51	9900 W Venice Boulevard	Apartments	56 du	
		Retail	3,000 sf	6
52	10003 Washington Boulevard	Apartments	207 du	
			2,583,296	12,167

General Retail	2.0
Restaurant	4.0
Health Club/Gym	1.0
General Office	4.0
Hotel	0.5
School	0.15
Warehouse	0.33
Manufacturing	0.5

18,904 students <https://www.teionline.com/article/1615/planning-a-new-school>

Retail	58,677
Restaurant	106,459
	165,136
	265,136

Apartments	3,362
Condo	175
Single Family	8
Bed	110
	3,655
	3,655