
Solid waste generation calculations

Proposed Project

Land Use	Units	Quantity	Generation Rates-Lbs p
Residential			
Single Family	du	96	11.18
Multi-Family	du	1021	6.41
Non-Residential			
Hotel	rooms	200	2.00
Commercial			
Retail	sf	164,000	0.00
Commercial			
Office	sf	646,000	0.06
Total			

Alternative 2

Land Use	Units	Quantity	Generation Rates-Lbs p
Residential			
Single Family	du	500	11.18
Multi-Family	du	200	6.41
Non-Residential			
Hotel	rooms	0	2
Commercial			
Retail	sf	0	0.0025
Commercial			
Office	sf	0	0.059
Total			

Alternative 3

Land Use	Units	Quantity	Generation Rates-Lbs p
Residential			
Single Family	du	0	11.18
Multi-Family	du	0	6.41
Non-Residential			
Hotel	rooms	0	2
Commercial			
Retail	sf	0	0.0025
Business Park			
	sf	4,356,000	0.01
Total			

Alternative 4

Land Use	Units	Quantity	Generation Rates-Lbs p
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Residential				
Single Family	du	100		11.18
Multi-Family	du	1010		6.41
Non-Residential				
Hotel	rooms	200		2
Commercial				
Retail	sf	164,000		0.0025
Commercial				
Office	sf	646,000		0.059
Total				

Alternative 5

Land Use	Units	Quantity	Generation Rates-Lbs per person per day
Residential			
Single Family	du	73	11.18
Multi-Family	du	1012	6.41
Non-Residential			
Hotel	rooms	200	2
Commercial			
Retail	sf	164,000	0.0025
Commercial			
Office	sf	646,000	0.059
Total			

Total Waste Generated (lbs/day)

1073.3
6544.6

400.0

410.0

38114.0
46541.9

Total Waste Generation (tons/day)

0.5
3.3

0.2

0.2

19.1
23.3

Total Waste Generated (lbs/day)

5590.00
1282.00

0.00

0.00

0.00
6872.00

Total Waste Generation (tons/day)

2.80
0.64

0.00
0.00

0.00

0.00
3.44

Total Waste Generated (lbs/day)

0.00
0.00

0.00

0.00

43560.00
43560.00

Total Waste Generation (tons/day)

0.00
0.00

0.00
0.00

0.00

21.78
21.78

Total Waste Generated (lbs/day)**Total Waste Generation (tons/day)**

1118.00	0.56
6474.10	3.24
	0.00
400.00	0.20
410.00	0.21
38114.00	19.06
46516.10	23.26

Total Waste Generated (lbs/day)

Total Waste Generation (tons/day)

816.14	0.41
6486.92	3.24
	0.00
400.00	0.20
410.00	0.21
38114.00	19.06
46227.06	23.11

Proposed Project with Residential Overl			
Total Waste Generation (tons/year)	Land Use	Units	Quantity
195.9	Residential		
1194.4	Single Family	du	96
	Multi-Family	du	1254
	Non-Residential		
73.0	Retail	sq. ft.	164000
	Office		
74.8		sq. ft.	396000
	Hotel		
6955.8		rooms	200
8493.9	Total		

Total Waste Generation (tons/year)
 Delta over project

1020.18	
233.97	
0.00	
0.00	
0.00	
0.00	
1254.14	7239.75

Total Waste Generation (tons/year)
 Delta over project

0.00	
0.00	
0.00	
0.00	
0.00	
7949.70	
7949.70	544.19

Total Waste Generation (tons/year)
 Delta over project

204.04	
1181.52	
0.00	
73.00	
74.83	
6955.81	
8489.19	4.71

Total Waste Generation (tons/year) Delta over project

148.95	
1183.86	
0.00	
73.00	
74.83	
6955.81	
8436.44	57.46

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Generation Rates-Lbs per Day	Total Waste Generated (lbs/day)
11.18	1073.3
6.41	8038.1
0.003	410.0
0.06	23364.0
2.00	400.0
	33285.4

Total Waste Generation (tons/day) Generation (tons/year)

0.5	195.9
4.0	1467.0

0.2	74.8
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11.7	4263.9
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0.2	73.0
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16.6	6074.6
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