

APPENDIX F.2

CUMULATIVE UTILITY GENERATION TABLES

Table F-1

Projected Cumulative Wastewater Generation

Related Project No.	Project Name	Land Use (unit)	Size ^a	Wastewater Generation Rate (gpd/ unit) ^b	Total
1	Apartment Complex	apartment (du)	50	160.00	8,000.00
2	Apartments	apartment (du)	97	160.00	15,520.00
3	Apartments	apartment (du)	64	160.00	10,240.00
4	Apartment Complex	apartment (du)	51	160.00	8,160.00
5	Apartments	apartment (du)	99	160.00	15,840.00
6	Apartment Complex	apartment (du)	51	160.00	8,160.00
7	Playa Vista Phase II	homes (du)	2600	160.00	416,000.00
		retail (sf)	150,000	0.08	12,000.00
8	Lincoln Place Project	retail (sf)	197,000	0.08	15,760.00
9	Bed Bath and Beyond	replacement retail bldg. (sf)	80,000	0.00	64,000.00
10	Westside Media Center	health club (sf)	34,000	0.08	2,720.00
11	Westside Pavilion	sf retail (sf)	723,466	0.08	57,877.28
		theater (seats)	2,340	4.00	9,360.00
12	New West Middle School	school (students)	250	8.00	2,000.00
13	Apartment Complex	apartment (du)	118	160.00	18,880.00
14	Taco Bell	replacement of existing bldg. w/ new fast-food w/ drive thru (sf) (1 seat = 20 sf)	1,623	1.00	1,623.00
15	Wells Fargo Bank	bank (sf)	4300	0.08	344.00
16	Fast Food/Retail/Office	fast food, retail, office (all assumed to be retail) (sf)	61000	0.08	4,880.00
17	Condominiums	condominium (du)	5	160.00	800.00
18	Condominiums	condominium (du)	5	160.00	800.00
19	Mixed-Use	condominium (du)	5	160.00	800.00
20	Condominiums	residential (du)	75	160.00	12,000.00
21	Condominiums	condominium (du)	5	160.00	800.00
22	Condominiums	condominium (du)	5	160.00	800.00
23	Mixed-Use	residential (du)	49	160.00	7,840.00
		retail (sf)	3,000	0.08	240.00
24	Mixed-Use	residential (du)	16	160.00	2,560.00
		retail (sf)	1,000	0.08	80.00
25	Residential	residential (du)	48	160.00	7,680.00
26	Mixed-Use	residential (du)	56	160.00	8,960.00
		retail (sf)	5,000	0.08	400.00
27	Mixed-Use	apartment (du)	50	160.00	8,000.00
		retail (sf)	3,000	0.08	240.00
28	Apartments	apartment (du)	26	160.00	4,160.00
29	Mixed-Use	apartment (du)	50	160.00	8,000.00
		retail (sf)	3,000	0.08	240.00
30	Mixed-Use	apartment (du)	52	160.00	8,320.00
		retail (sf)	4,000	0.08	320.00
31	Apartments	apartment (du)	46	160.00	7,360.00
32	Mixed-Use	apartment (du)	48	160.00	7,680.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Wastewater Generation Rate (gpd/ unit) ^b	Total
		retail (sf)	2,000	0.08	160.00
33	Apartments	apartment (du)	50	160.00	8,000.00
34	Mixed-Use	apartment (du)	52	160.00	8,320.00
		retail (sf)	2,000	0.08	160.00
35	Mixed-Use	apartment (du)	48	160.00	7,680.00
		retail (sf)	2,000	0.08	160.00
36	Apartments	apartment (du)	50	160.00	8,000.00
37	Condominiums	condominium (du)	17	160.00	2,720.00
38	Condominiums	condominium (du)	8	160.00	1,280.00
39	Condominiums	condominium (du)	5	160.00	800.00
40	Condominiums	condominium (du)	5	160.00	800.00
41	Condominiums	condominium (du)	5	160.00	800.00
42	Condominiums	condominium (du)	5	160.00	800.00
43	Condominiums	condominium (du)	5	160.00	800.00
44	Condominiums	condominium (du)	15	160.00	2,400.00
45	Apartments	apartment (du)	16	160.00	2,560.00
46	Condominiums	condominium (du)	5	160.00	800.00
47	Apartments	apartment (du)	30	160.00	4,800.00
48	Condominiums	condominium (du)	10	160.00	1,600.00
49	Condominiums	condominium (du)	6	160.00	960.00
50	Condominiums	condominium (du)	5	160.00	800.00
51	Condominiums	condominium (du)	5	160.00	800.00
52	Condominiums	condominium (du)	11	160.00	1,760.00
53	Residential	residential (du)	8	160.00	1,280.00
54	Condominiums	condominium (du)	5	160.00	800.00
55	Residential	residential (du)	6	160.00	960.00
56	Condominiums	condominium (du)	5	160.00	800.00
57	Condominiums	condominium (du)	5	160.00	800.00
58	Residential	residential (du)	5	160.00	800.00
59	Condominiums	condominium (du)	8	160.00	1,280.00
60	Residential	residential (du)	5	160.00	800.00
61	Residential	residential (du)	5	160.00	800.00
62	Condominiums	condominium (du)	5	160.00	800.00
63	Residential	residential (du)	101	160.00	16,160.00
64	Condominiums	condominium (du)	5	160.00	800.00
65	Condominiums	condominium (du)	5	160.00	800.00
66	St. Johns Medical Center and Master Plan	medical center (replacement of 400 beds)	N/A	0.00	0.00
67	Condominiums	condominium (du)	10	160.00	1,600.00
68	Apartments	apartment (du)	14	160.00	2,240.00
69	Mixed-Use	residential (du)	39	160.00	6,240.00
		retail (sf)	7,000	0.08	560.00
70	Residential	residential (du)	49	160.00	7,840.00
71	Alzheimers Facility	beds	65	75.00	4,875.00
72	Condominiums	condominium (du)	7	160.00	1,120.00
73	Mixed-Use	residential (du)	50	160.00	8,000.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Wastewater Generation Rate (gpd/ unit) ^b	Total
		commercial (sf)	6,000	0.08	480.00
74	Apartments	apartment (du)	48	160.00	7,680.00
75	Apartments/Office	apartment (du)	7	160.00	1,120.00
76	Condominiums	condominium (du)	32	160.00	5,120.00
77	Mixed-Use	residential (du)	32	160.00	5,120.00
		sign shop (sf)	3,000	0.08	240.00
78	Condominiums	condominium (du)	8	160.00	1,280.00
79	Storage	self-storage	31,400	0.02	628.00
80	Condominiums	condominium (du)	16	160.00	2,560.00
81	Apartments	apartment (du)	38	160.00	6,080.00
82	Big Blue Bus Campus Expansion	parking structure (max. 600 spaces)	N/A	0.00	0.00
		office (sf)	46,500	0.15	6,975
		maintenance bldg. (sf)	55,000	0.08	4,400.00
83	Affordable Housing	apartment (du)	26	160.00	4,160.00
84	Apartments	apartment (du)	145	160.00	23,200.00
85	Euclid Park	park (sf)	15,000	0.00	0.00
86	Lantana South	entertainment production (sf)	99,000	0.08	7,920.00
87	Condominiums	condominium (du)	5	160.00	800.00
88	Condominiums	condominium (du)	6	160.00	960.00
89	Santa Monica Civic Center Parking Structure	replacement parking (spaces)	N/A	0.00	0.00
		retail (sf)	12,500	0.08	1,000.00
90	North Main (Pioneer Bakery Site)	apartment (du)	107	160.00	17,120.00
		specialty retail (sf)	12,000	0.08	960.00
		apartment (du)	26	160.00	4,160.00
		specialty retail (sf)	7,000	0.08	560.00
91	Affordable Housing	apartment (du)	44	160.00	7,040.00
92	Mixed-Use	residential (du)	24	160.00	3,840.00
		commercial (sf)	9,000	0.08	720.00
93	Private High School	high school (sf) (1 seat = 20 sf)	15,000	0.60	9,000.00
94	Condominiums	condominium (du)	5	160.00	800.00
95	Miramar Development Agreement	hotel (rooms)	200	130.00	26,000.00
		specialty retail (sf)	12,000	0.08	960.00
		restaurant (sf) (1 seat = 20 sf)	7,000	1.50	10,500.00
		meeting place (sf)	10,000	0.15	1,500.00
96	Hill Street Partners Development Agreement	hotel (rooms)	75	130.00	9,750.00
		restaurant (sf) (1 seat = 20 sf)	3,000	1.50	4,500.00
97	Mixed-Use	condominium (du)	186	160.00	29,760.00
		apartment (du)	54	160.00	8,640.00
		specialty retail (sf)	5,000	0.08	400.00
98	Lantana East	entertainment production (sf)	64,000	0.08	5,120.00
99	New Roads	private school (1 seat = 20 sf) (sf)	115,000	0.60	69,000.00
100	Auto Dealership Expansion	auto dealership (sf)	9,600	0.08	768.00
101	Condominiums	condominium (du)	9	160.00	1,440.00
102	Condominiums	condominium (du)	5	160.00	800.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Wastewater Generation Rate (gpd/ unit) ^b	Total
103	Condominiums	condominium (du)	18	160.00	2,880.00
104	Condominiums	condominium (du)	8	160.00	1,280.00
105	Mayfair Theater	apartment (du)	38	160.00	6,080.00
		retail (sf)	10,000	0.08	800.00
106	Affordable Housing	apartment (du)	44	160.00	7,040.00
107	Mixed-Use	apartment (du)	10	160.00	1,600.00
		retail (sf)	12,000	0.08	960.00
108	Production Live/Work Bldg.	commercial (sf)	34,000	0.08	2,720.00
109	Production/Office/ Residential	production office	9,000	0.08	720.00
		residential (sf)	10,000	160.00	1,600,000.00
110	Condominiums	condominium (du)	12	160.00	1,920.00
111	Mixed-Use	residential (du)	50	160.00	8,000.00
		commercial (sf)	5,351	0.08	428.08
112	Transportation Facility Master Plan	bus maintenance building (sf)	40,000	0.08	3,200.00
		office (sf)	8,000	0.15	1,200.00
113	Airport Park Expansion	city park (acre)	4	0.00	0.00
		dog park (acre)	1	0.00	0.00
		recreation field (acre)	1	0.00	0.00
		removal of shuttle lot	0	0.00	0.00
114	Santa Monica/UCLA Hospital	hospital (beds)	266	75.00	19,950.00
115	Santa Monica Pier Bridge & Pier Ramp	pier	N/A	0.00	0.00
116	Santa Monica Downtown Parking	parking (spaces)	1,712	0.00	0.00
117	Civic Center Specific Plan	residential (du)	800	160.00	128,000.00
		office (sf)	93,000	0.15	13,950.00
		restaurant/retail (all assumed retail) (sf)	25,000	0.08	2,000.00
		city service building (sf)	100,000	0.15	40,000.00
		auditorium expansion (sf) (1 seat = 20 sf)	20,000	0.20	4,000.00
		early childhood center (sf) (1 seat = 20 sf)	12,500	0.40	5,000.00
		park (acre)	12.8	0.00	0.00
		soccer field (acre)	1	0.00	0.00
Related Projects Total					2,962,962.4
Proposed Project Total					2,253.0
Cumulative Total					2,965,001.4

Note: N/A = size of related project either not available or not relevant to cumulative wastewater generation (i.e., in the case of replacement buildings or parking structures); du=dwelling unit; sf = square foot; gpd = gallons per day.

^a All apartments, condos, and other housing units assumed to be two-bedroom as actual breakdown was unavailable.

^b Wastewater generation rates provided by City of Los Angeles, Draft LA CEQA Thresholds Guide, May 14, 1998.

Source (related project list): Kaku Associates, June 2006.

Source (table): Christopher A. Joseph & Associates, September 2006.

Table F-2

Projected Cumulative Water Consumption

Related Project No.	Project Name	Land Use (unit)	Size ^a	Water Consumption Rate (gpd/ unit) ^b	Total
1	Apartment Complex	apartment (du)	50	192.00	9,600.00
2	Apartments	apartment (du)	97	192.00	18,624.00
3	Apartments	apartment (du)	64	192.00	12,288.00
4	Apartment Complex	apartment (du)	51	192.00	9,792.00
5	Apartments	apartment (du)	99	192.00	19,008.00
6	Apartment Complex	apartment (du)	51	192.00	9,792.00
7	Playa Vista Phase II	homes (du)	2600	192.00	499,200.00
		retail (sf)	150,000	0.10	14,400.00
8	Lincoln Place Project	retail (sf)	197,000	0.10	18,912.00
9	Bed Bath and Beyond	replacement retail bldg. (sf)	80,000	0.10	7,680.00
10	Westside Media Center	health club (sf)	34,000	0.10	2,720.00
11	Westside Pavilion	sf retail (sf)	723,466	0.10	57,877.28
		theater (seats)	2,340	4.80	9,360.00
12	New West Middle School	school (students)	250	9.60	2,000.00
13	Apartment Complex	apartment (du)	118	192.00	18,880.00
14	Taco Bell	replacement of existing bldg. w/ new fast-food w/ drive thru (sf) (1 seat = 20 sf)	1623	1.20	1,623.00
15	Wells Fargo Bank	bank (sf)	4300	0.10	344.00
16	Fast Food/Retail/Office	fast food, retail, office (all assumed to be retail) (sf)	61000	0.10	4,880.00
17	Condominiums	condominium (du)	5	192.00	800.00
18	Condominiums	condominium (du)	5	192.00	800.00
19	Mixed-Use	condominium (du)	5	192.00	800.00
20	Condominiums	residential (du)	75	192.00	12,000.00
21	Condominiums	condominium (du)	5	192.00	800.00
22	Condominiums	condominium (du)	5	192.00	800.00
23	Mixed-Use	residential (du)	49	192.00	7,840.00
		retail (sf)	3,000	0.10	240.00
24	Mixed-Use	residential (du)	16	192.00	2,560.00
		retail (sf)	1,000	0.10	80.00
25	Residential	residential (du)	48	192.00	7,680.00
26	Mixed-Use	residential (du)	56	192.00	8,960.00
		retail (sf)	5,000	0.10	400.00
27	Mixed-Use	apartment (du)	50	192.00	8,000.00
		retail (sf)	3,000	0.10	240.00
28	Apartments	apartment (du)	26	192.00	4,160.00
29	Mixed-Use	apartment (du)	50	192.00	8,000.00
		retail (sf)	3,000	0.10	240.00
30	Mixed-Use	apartment (du)	52	192.00	8,320.00
		retail (sf)	4,000	0.10	320.00
31	Apartments	apartment (du)	46	192.00	7,360.00
32	Mixed-Use	apartment (du)	48	192.00	7,680.00
		retail (sf)	2,000	0.10	160.00
33	Apartments	apartment (du)	50	192.00	8,000.00
34	Mixed-Use	apartment (du)	52	192.00	8,320.00
		retail (sf)	2,000	0.10	160.00
35	Mixed-Use	apartment (du)	48	192.00	7,680.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Water Consumption Rate (gpd/ unit) ^b	Total
		retail (sf)	2,000	0.10	160.00
36	Apartments	apartment (du)	50	192.00	8,000.00
37	Condominiums	condominium (du)	17	192.00	2,720.00
38	Condominiums	condominium (du)	8	192.00	1,280.00
39	Condominiums	condominium (du)	5	192.00	800.00
40	Condominiums	condominium (du)	5	192.00	800.00
41	Condominiums	condominium (du)	5	192.00	800.00
42	Condominiums	condominium (du)	5	192.00	800.00
43	Condominiums	condominium (du)	5	192.00	800.00
44	Condominiums	condominium (du)	15	192.00	2,400.00
45	Apartments	apartment (du)	16	192.00	2,560.00
46	Condominiums	condominium (du)	5	192.00	800.00
47	Apartments	apartment (du)	30	192.00	4,800.00
48	Condominiums	condominium (du)	10	192.00	1,600.00
49	Condominiums	condominium (du)	6	192.00	960.00
50	Condominiums	condominium (du)	5	192.00	800.00
51	Condominiums	condominium (du)	5	192.00	800.00
52	Condominiums	condominium (du)	11	192.00	1,760.00
53	Residential	residential (du)	8	192.00	1,280.00
54	Condominiums	condominium (du)	5	192.00	800.00
55	Residential	residential (du)	6	192.00	960.00
56	Condominiums	condominium (du)	5	192.00	800.00
57	Condominiums	condominium (du)	5	192.00	800.00
58	Residential	residential (du)	5	192.00	800.00
59	Condominiums	condominium (du)	8	192.00	1,280.00
60	Residential	residential (du)	5	192.00	800.00
61	Residential	residential (du)	5	192.00	800.00
62	Condominiums	condominium (du)	5	192.00	800.00
63	Residential	residential (du)	101	192.00	16,160.00
64	Condominiums	condominium (du)	5	192.00	800.00
65	Condominiums	condominium (du)	5	192.00	800.00
66	St. Johns Medical Center and Master Plan	medical center (replacement of 400 beds)	N/A	0.00	0.00
67	Condominiums	condominium (du)	10	192.00	1,600.00
68	Apartments	apartment (du)	14	192.00	2,240.00
69	Mixed-Use	residential (du)	39	192.00	6,240.00
		retail (sf)	7,000	0.10	560.00
70	Residential	residential (du)	49	192.00	7,840.00
71	Alzheimers Facility	beds	65	90.00	4,875.00
72	Condominiums	condominium (du)	7	192.00	1,120.00
73	Mixed-Use	residential (du)	50	192.00	8,000.00
		commercial (sf)	6,000	0.10	480.00
74	Apartments	apartment (du)	48	192.00	7,680.00
75	Apartments/Office	apartment (du)	7	192.00	1,120.00
76	Condominiums	condominium (du)	32	192.00	5,120.00
77	Mixed-Use	residential (du)	32	192.00	5,120.00
		sign shop (sf)	3,000	0.10	240.00
78	Condominiums	condominium (du)	8	192.00	1,280.00
79	Storage	self-storage	31,400	0.02	628.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Water Consumption Rate (gpd/ unit) ^b	Total
80	Condominiums	condominium (du)	16	192.00	2,560.00
81	Apartments	apartment (du)	38	192.00	6,080.00
82	Big Blue Bus Campus Expansion	parking structure (max. 600 spaces)	N/A	0.00	0.00
		office (sf)	46,500	0.18	6,975.00
		maintenance bldg. (sf)	55,000	0.10	4,400.00
83	Affordable Housing	apartment (du)	26	192.00	4,160.00
84	Apartments	apartment (du)	145	192.00	23,200.00
85	Euclid Park	park (sf)	15,000	0.00	0.00
86	Lantana South	entertainment production (sf)	99,000	0.10	7,920.00
87	Condominiums	condominium (du)	5	192.00	800.00
88	Condominiums	condominium (du)	6	192.00	960.00
89	Santa Monica Civic Center Parking Structure	replacement parking (spaces)	N/A	0.00	0.00
		retail (sf)	12,500	0.10	1,000.00
90	North Main (Pioneer Bakery Site)	apartment (du)	107	192.00	17,120.00
		specialty retail (sf)	12,000	0.10	960.00
		apartment (du)	26	192.00	4,160.00
		specialty retail (sf)	7,000	0.10	560.00
91	Affordable Housing	apartment (du)	44	192.00	7,040.00
92	Mixed-Use	residential (du)	24	192.00	3,840.00
		commercial (sf)	9,000	0.10	720.00
93	Private High School	high school (sf) (1 seat = 20 sf)	15,000	0.72	9,000.00
94	Condominiums	condominium (du)	5	192.00	800.00
95	Miramar Development Agreement	hotel (rooms)	200	156.00	26,000.00
		specialty retail (sf)	12,000	0.10	960.00
		restaurant (sf) (1 seat = 20 sf)	7,000	1.80	10,500.00
		meeting place (sf)	10,000	0.18	1,500.00
96	Hill Street Partners Development Agreement	hotel (rooms)	75	156.00	9,750.00
		restaurant (sf) (1 seat = 20 sf)	3,000	1.80	4,500.00
97	Mixed-Use	condominium (du)	186	192.00	29,760.00
		apartment (du)	54	192.00	8,640.00
		specialty retail (sf)	5,000	0.10	400.00
98	Lantana East	entertainment production (sf)	64,000	0.10	5,120.00
99	New Roads	private school (1 seat = 20 sf) (sf)	115,000	0.72	69,000.00
100	Auto Dealership Expansion	auto dealership (sf)	9,600	0.10	768.00
101	Condominiums	condominium (du)	9	192.00	1,440.00
102	Condominiums	condominium (du)	5	192.00	800.00
103	Condominiums	condominium (du)	18	192.00	2,880.00
104	Condominiums	condominium (du)	8	192.00	1,280.00
105	Mayfair Theater	apartment (du)	38	192.00	6,080.00
		retail (sf)	10,000	0.10	800.00
106	Affordable Housing	apartment (du)	44	192.00	7,040.00
107	Mixed-Use	apartment (du)	10	192.00	1,600.00
		retail (sf)	12,000	0.10	960.00
108	Production Live/Work Bldg.	commercial (sf)	34,000	0.10	2,720.00
109	Production/Office/Residential	production office	9,000	0.10	720.00
		residential (sf)	10,000	192.00	1,600,000.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Water Consumption Rate (gpd/ unit) ^b	Total
110	Condominiums	condominium (du)	12	192.00	1,920.00
111	Mixed-Use	residential (du)	50	192.00	8,000.00
		commercial (sf)	5,351	0.10	428.08
112	Transportation Facility Master Plan	bus maintenance building (sf)	40,000	0.10	3,200.00
		office (sf)	8,000	0.18	1,200.00
113	Airport Park Expansion	city park (acre)	4	0.00	0.00
		dog park (acre)	1	0.00	0.00
		recreation field (acre)	1	0.00	0.00
		removal of shuttle lot	0	0.00	0.00
114	Santa Monica/UCLA Hospital	hospital (beds)	266	90.00	19,950.00
115	Santa Monica Pier Bridge & Pier Ramp	pier	N/A	0.00	0.00
116	Santa Monica Downtown Parking	parking (spaces)	1,712	0.00	0.00
117	Civic Center Specific Plan	residential (du)	800	192.00	128,000.00
		office (sf)	93,000	0.18	13,950.00
		restaurant/retail (all assumed retail) (sf)	25,000	0.10	2,000.00
		city service building (sf)	100,000	0.18	15,000.00
		auditorium expansion (sf) (1 seat = 20 sf)	20,000	0.24	4,000.00
		early childhood center (sf) (1 seat = 20 sf)	12,500	0.48	5,000.00
		park (acre)	12.8	0.00	0.00
		soccer field (acre)	1	0.00	0.00
Related Projects Total					3,041,164.4
Proposed Project Total					2,703.0
Cumulative Total					3,052,767.4
<p><i>Note: N/A = size of related project either not available or not relevant to cumulative water consumption (i.e., in the case of replacement buildings or parking structures); du=dwelling unit; sf = square foot; gpd = gallons per day.</i></p> <p>^a All apartments, condos, and other housing units assumed to be two-bedroom as actual breakdown was unavailable.</p> <p>^b Wastewater generation rates provided by City of Los Angeles, Draft LA CEQA Thresholds Guide, May 14, 1998. Water consumption assumed to be 120 percent of wastewater generation.</p> <p>Source (related project list): Kaku Associates, June 2006.</p> <p>Source (table): Christopher A. Joseph & Associates, September 2006.</p>					

Table F-3

Projected Cumulative Electricity Consumption

Related Project No.	Project Name	Land Use (unit)	Size ^a	Electricity Consumption Rate (kWh/ yr/unit) ^b	Total
1	Apartment Complex	apartment (du)	50	5,626.50	281,325.00
2	Apartments	apartment (du)	97	5,626.50	545,770.50
3	Apartments	apartment (du)	64	5,626.50	360,096.00
4	Apartment Complex	apartment (du)	51	5,626.50	286,951.50
5	Apartments	apartment (du)	99	5,626.50	557,023.50
6	Apartment Complex	apartment (du)	51	5,626.50	286,951.50
7	Playa Vista Phase II	homes (du)	2600	5,626.50	14,628,900.00
		retail (sf)	150,000	13.55	2,032,500.00
8	Lincoln Place Project	retail (sf)	197,000	13.55	2,669,350.00
9	Bed Bath and Beyond	replacement retail bldg. (sf)	80,000	13.55	1,084,000.00
10	Westside Media Center	health club (sf)	34,000	10.5	357,000.00
11	Westside Pavilion	sf retail (sf)	723,466	13.55	9,802,964.30
		theater (seats)	2,340	10.5	491,400.00
12	New West Middle School	school (sf) (1 st = 20 sf)	5,000	5.9	29,500.00
13	Apartment Complex	apartment (du)	118	5,626.50	663,927.00
14	Taco Bell	replacement of existing bldg. w/ new fast-food w/ drive thru (sf) (1 seat = 20 sf)	1623	13.55	21,991.65
15	Wells Fargo Bank	bank (sf)	4300	13.55	58,265.00
16	Fast Food/Retail/Office	fast food, retail, office (all assumed to be retail) (sf)	61000	13.55	826,550.00
17	Condominiums	condominium (du)	5	5,626.50	28,132.50
18	Condominiums	condominium (du)	5	5,626.50	28,132.50
19	Mixed-Use	condominium (du)	5	5,626.50	28,132.50
20	Condominiums	residential (du)	75	5,626.50	421,987.50
21	Condominiums	condominium (du)	5	5,626.50	28,132.50
22	Condominiums	condominium (du)	5	5,626.50	28,132.50
23	Mixed-Use	residential (du)	49	5,626.50	275,698.50
		retail (sf)	3,000	13.55	40,650.00
24	Mixed-Use	residential (du)	16	5,626.50	90,024.00
		retail (sf)	1,000	13.55	13,550.00
25	Residential	residential (du)	48	5,626.50	270,072.00
26	Mixed-Use	residential (du)	56	5,626.50	315,084.00
		retail (sf)	5,000	13.55	67,750.00
27	Mixed-Use	apartment (du)	50	5,626.50	281,325.00
		retail (sf)	3,000	13.55	40,650.00
28	Apartments	apartment (du)	26	5,626.50	146,289.00
29	Mixed-Use	apartment (du)	50	5,626.50	281,325.00
		retail (sf)	3,000	13.55	40,650.00
30	Mixed-Use	apartment (du)	52	5,626.50	292,578.00
		retail (sf)	4,000	13.55	54,200.00
31	Apartments	apartment (du)	46	5,626.50	258,819.00
32	Mixed-Use	apartment (du)	48	5,626.50	270,072.00
		retail (sf)	2,000	13.55	27,100.00
33	Apartments	apartment (du)	50	5,626.50	281,325.00
34	Mixed-Use	apartment (du)	52	5,626.50	292,578.00
		retail (sf)	2,000	13.55	27,100.00
35	Mixed-Use	apartment (du)	48	5,626.50	270,072.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Electricity Consumption Rate (kWh/ yr/unit) ^b	Total
		retail (sf)	2,000	13.55	27,100.00
36	Apartments	apartment (du)	50	5,626.50	281,325.00
37	Condominiums	condominium (du)	17	5,626.50	95,650.50
38	Condominiums	condominium (du)	8	5,626.50	45,012.00
39	Condominiums	condominium (du)	5	5,626.50	28,132.50
40	Condominiums	condominium (du)	5	5,626.50	28,132.50
41	Condominiums	condominium (du)	5	5,626.50	28,132.50
42	Condominiums	condominium (du)	5	5,626.50	28,132.50
43	Condominiums	condominium (du)	5	5,626.50	28,132.50
44	Condominiums	condominium (du)	15	5,626.50	84,397.50
45	Apartments	apartment (du)	16	5,626.50	90,024.00
46	Condominiums	condominium (du)	5	5,626.50	28,132.50
47	Apartments	apartment (du)	30	5,626.50	168,795.00
48	Condominiums	condominium (du)	10	5,626.50	56,265.00
49	Condominiums	condominium (du)	6	5,626.50	33,759.00
50	Condominiums	condominium (du)	5	5,626.50	28,132.50
51	Condominiums	condominium (du)	5	5,626.50	28,132.50
52	Condominiums	condominium (du)	11	5,626.50	61,891.50
53	Residential	residential (du)	8	5,626.50	45,012.00
54	Condominiums	condominium (du)	5	5,626.50	28,132.50
55	Residential	residential (du)	6	5,626.50	33,759.00
56	Condominiums	condominium (du)	5	5,626.50	28,132.50
57	Condominiums	condominium (du)	5	5,626.50	28,132.50
58	Residential	residential (du)	5	5,626.50	28,132.50
59	Condominiums	condominium (du)	8	5,626.50	45,012.00
60	Residential	residential (du)	5	5,626.50	28,132.50
61	Residential	residential (du)	5	5,626.50	28,132.50
62	Condominiums	condominium (du)	5	5,626.50	28,132.50
63	Residential	residential (du)	101	5,626.50	568,276.50
64	Condominiums	condominium (du)	5	5,626.50	28,132.50
65	Condominiums	condominium (du)	5	5,626.50	28,132.50
66	St. Johns Medical Center and Master Plan	medical center (replacement of 400 beds)	N/A	0	0.00
67	Condominiums	condominium (du)	10	5,626.50	56,265.00
68	Apartments	apartment (du)	14	5,626.50	78,771.00
69	Mixed-Use	residential (du)	39	5,626.50	219,433.50
		retail (sf)	7,000	13.55	94,850.00
70	Residential	residential (du)	49	5,626.50	275,698.50
71	Alzheimers Facility	beds	65	5,626.50	365,722.50
72	Condominiums	condominium (du)	7	5,626.50	39,385.50
73	Mixed-Use	residential (du)	50	5,626.50	281,325.00
		commercial (sf)	6,000	13.55	81,300.00
74	Apartments	apartment (du)	48	5,626.50	270,072.00
75	Apartments/Office	apartment (du)	7	5,626.50	39,385.50
76	Condominiums	condominium (du)	32	5,626.50	180,048.00
77	Mixed-Use	residential (du)	32	5,626.50	180,048.00
		sign shop (sf)	3,000	13.55	40,650.00
78	Condominiums	condominium (du)	8	5,626.50	45,012.00
79	Storage	self-storage	31,400	10.5	329,700.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Electricity Consumption Rate (kwh/ yr/unit) ^b	Total
80	Condominiums	condominium (du)	16	5,626.50	90,024.00
81	Apartments	apartment (du)	38	5,626.50	213,807.00
82	Big Blue Bus Campus Expansion	parking structure (max. 600 spaces)	N/A	0	0.00
		office (sf)	46,500	12.95	602,175.00
		maintenance bldg. (sf)	55,000	10.5	577,500.00
83	Affordable Housing	apartment (du)	26	5,626.50	146,289.00
84	Apartments	apartment (du)	145	5,626.50	815,842.50
85	Euclid Park	park (sf)	15,000	0	0.00
86	Lantana South	entertainment production (sf)	99,000	10.5	1,039,500.00
87	Condominiums	condominium (du)	5	5,626.50	28,132.50
88	Condominiums	condominium (du)	6	5,626.50	33,759.00
89	Santa Monica Civic Center Parking Structure	replacement parking (spaces)	N/A	0	0.00
		retail (sf)	12,500	13.55	169,375.00
90	North Main (Pioneer Bakery Site)	apartment (du)	107	5,626.50	602,035.50
		specialty retail (sf)	12,000	13.55	162,600.00
		apartment (du)	26	5,626.50	146,289.00
		specialty retail (sf)	7,000	13.55	94,850.00
91	Affordable Housing	apartment (du)	44	5,626.50	247,566.00
92	Mixed-Use	residential (du)	24	5,626.50	135,036.00
		commercial (sf)	9,000	13.55	121,950.00
93	Private High School	high school (sf) (1 seat = 20 sf)	15,000	10.5	157,500.00
94	Condominiums	condominium (du)	5	5,626.50	28,132.50
95	Miramar Development Agreement	hotel (sf) (1 rm = 20 sf)	100,000	9.95	995,000.00
		specialty retail (sf)	12,000	13.55	162,600.00
		restaurant (sf) (1 seat = 20 sf)	7,000	13.55	94,850.00
		meeting place (sf)	10,000	12.95	129,500.00
96	Hill Street Partners Development Agreement	hotel (sf) (1 rm = 20 sf)	37,500	9.95	373,125.00
		restaurant (sf) (1 seat = 20 sf)	3,000	13.55	40,650.00
97	Mixed-Use	condominium (du)	186	5,626.50	1,046,529.00
		apartment (du)	54	5,626.50	303,831.00
		specialty retail (sf)	5,000	13.55	67,750.00
98	Lantana East	entertainment production (sf)	64,000	10.5	672,000.00
99	New Roads	private school (1 seat = 20 sf) (sf)	115,000	5.9	678,500.00
100	Auto Dealership Expansion	auto dealership (sf)	9,600	10.5	100,800.00
101	Condominiums	condominium (du)	9	5,626.50	50,638.50
102	Condominiums	condominium (du)	5	5,626.50	28,132.50
103	Condominiums	condominium (du)	18	5,626.50	101,277.00
104	Condominiums	condominium (du)	8	5,626.50	45,012.00
105	Mayfair Theater	apartment (du)	38	5,626.50	213,807.00
		retail (sf)	10,000	13.55	135,500.00
106	Affordable Housing	apartment (du)	44	5,626.50	247,566.00
107	Mixed-Use	apartment (du)	10	5,626.50	56,265.00
		retail (sf)	12,000	13.55	162,600.00
108	Production Live/Work Bldg.	commercial (sf)	34,000	13.55	460,700.00
109	Production/Office/Residential	production office	9,000	12.95	116,550.00
		residential (sf)	10,000	5,626.50	56,265,000.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Electricity Consumption Rate (kWh/ yr/unit) ^b	Total
110	Condominiums	condominium (du)	12	5,626.50	67,518.00
111	Mixed-Use	residential (du)	50	5,626.50	281,325.00
		commercial (sf)	5,351	13.55	72,506.05
112	Transportation Facility Master Plan	bus maintenance building (sf)	40,000	10.5	420,000.00
		office (sf)	8,000	12.95	103,600.00
113	Airport Park Expansion	city park (acre)	4	0	0.00
		dog park (acre)	1	0	0.00
		recreation field (acre)	1	0	0.00
		removal of shuttle lot	0	0	0.00
114	Santa Monica/UCLA Hospital	hospital (beds)	266	5,626.50	1,496,649.00
115	Santa Monica Pier Bridge & Pier Ramp	pier	N/A	0	0.00
116	Santa Monica Downtown Parking	parking (spaces)	1,712	0	0.00
117	Civic Center Specific Plan	residential (du)	800	5,626.50	4,501,200.00
		office (sf)	93,000	12.95	1,204,350.00
		restaurant/retail (all assumed retail) (sf)	25,000	13.55	338,750.00
		city service building (sf)	100,000	12.95	1,295,000.00
		auditorium expansion (sf) (1 seat = 20 sf)	20,000	12.95	259,000.00
		early childhood center (sf) (1 seat = 20 sf)	12,500	5.9	73,750.00
		park (acre)	12.8	0	0.00
		soccer field (acre)	1	0	0.00
Related Projects Total					121,950,419.5
Proposed Project Total					441,267.8
Cumulative Total					122,061,213.5
<p><i>Note: N/A = size of related project either not available or not relevant to cumulative electricity consumption (i.e., in the case of replacement buildings or parking structures); du=dwelling unit; sf = square foot; kWh=kilowatt hours.</i></p> <p>^a All apartments, condos, beds, and other housing units assumed to be multi-family residential units as actual breakdown was unavailable.</p> <p>^b Electricity generation rates provided by South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993.</p> <p>Source (related project list): Kaku Associates, June 2006.</p> <p>Source (table): Christopher A. Joseph & Associates, August 2006.</p>					

Table F-4

Projected Cumulative Natural Gas Consumption

Related Project No.	Project Name	Land Use (unit)	Size^a	Natural Gas Consumption Rate (cf/ sf/ month)^b	Total
1	Apartment Complex	apartment (du)	50	4,011.5	200,575.00
2	Apartments	apartment (du)	97	4,011.5	389,115.50
3	Apartments	apartment (du)	64	4,011.5	256,736.00
4	Apartment Complex	apartment (du)	51	4,011.5	204,586.50
5	Apartments	apartment (du)	99	4,011.5	397,138.50
6	Apartment Complex	apartment (du)	51	4,011.5	204,586.50
7	Playa Vista Phase II	homes (du)	2600	4,011.5	10,429,900.00
		retail (sf)	150,000	2.9	435,000.00
8	Lincoln Place Project	retail (sf)	197,000	2.9	571,300.00
9	Bed Bath and Beyond	replacement retail bldg. (sf)	80,000	2.9	232,000.00
10	Westside Media Center	health club (sf)	34,000	2.9	98,600.00
11	Westside Pavilion	sf retail (sf)	723,466	2.9	2,098,051.40
		theater (seats)	2,340	3	140,400.00
12	New West Middle School	school (sf) (1 st = 20 sf)	5,000	2.9	14,500.00
13	Apartment Complex	apartment (du)	118	4,011.5	473,357.00
14	Taco Bell	replacement of existing bldg. w/ new fast-food w/ drive thru (sf) (1 seat = 20 sf)	1623	2.9	4,706.70
15	Wells Fargo Bank	bank (sf)	4,300	2.9	12,470.00
16	Fast Food/Retail/Office	fast food, retail, office (all assumed to be retail) (sf)	61,000	2.9	176,900.00
17	Condominiums	condominium (du)	5	4,011.5	20,057.50
18	Condominiums	condominium (du)	5	4,011.5	20,057.50
19	Mixed-Use	condominium (du)	5	4,011.5	20,057.50
20	Condominiums	residential (du)	75	4,011.5	300,862.50
21	Condominiums	condominium (du)	5	4,011.5	20,057.50
22	Condominiums	condominium (du)	5	4,011.5	20,057.50
23	Mixed-Use	residential (du)	49	4,011.5	196,563.50
		retail (sf)	3,000	2.9	8,700.00
24	Mixed-Use	residential (du)	16	4,011.5	64,184.00
		retail (sf)	1,000	2.9	2,900.00
25	Residential	residential (du)	48	4,011.5	192,552.00
26	Mixed-Use	residential (du)	56	4,011.5	224,644.00
		retail (sf)	5,000	2.9	14,500.00
27	Mixed-Use	apartment (du)	50	4,011.5	200,575.00
		retail (sf)	3,000	2.9	8,700.00
28	Apartments	apartment (du)	26	4,011.5	104,299.00
29	Mixed-Use	apartment (du)	50	4,011.5	200,575.00
		retail (sf)	3,000	2.9	8,700.00
30	Mixed-Use	apartment (du)	52	4,011.5	208,598.00
		retail (sf)	4,000	2.9	11,600.00
31	Apartments	apartment (du)	46	4,011.5	184,529.00
32	Mixed-Use	apartment (du)	48	4,011.5	192,552.00
		retail (sf)	2,000	2.9	5,800.00
33	Apartments	apartment (du)	50	4,011.5	200,575.00
34	Mixed-Use	apartment (du)	52	4,011.5	208,598.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Natural Gas Consumption Rate (cf/ sf/ month) ^b	Total
		retail (sf)	2,000	2.9	5,800.00
35	Mixed-Use	apartment (du)	48	4,011.5	192,552.00
		retail (sf)	2,000	2.9	5,800.00
		apartment (du)	50	4,011.5	200,575.00
36	Apartments	apartment (du)	50	4,011.5	200,575.00
37	Condominiums	condominium (du)	17	4,011.5	68,195.50
38	Condominiums	condominium (du)	8	4,011.5	32,092.00
39	Condominiums	condominium (du)	5	4,011.5	20,057.50
40	Condominiums	condominium (du)	5	4,011.5	20,057.50
41	Condominiums	condominium (du)	5	4,011.5	20,057.50
42	Condominiums	condominium (du)	5	4,011.5	20,057.50
43	Condominiums	condominium (du)	5	4,011.5	20,057.50
44	Condominiums	condominium (du)	15	4,011.5	60,172.50
45	Apartments	apartment (du)	16	4,011.5	64,184.00
46	Condominiums	condominium (du)	5	4,011.5	20,057.50
47	Apartments	apartment (du)	30	4,011.5	120,345.00
48	Condominiums	condominium (du)	10	4,011.5	40,115.00
49	Condominiums	condominium (du)	6	4,011.5	24,069.00
50	Condominiums	condominium (du)	5	4,011.5	20,057.50
51	Condominiums	condominium (du)	5	4,011.5	20,057.50
52	Condominiums	condominium (du)	11	4,011.5	44,126.50
53	Residential	residential (du)	8	4,011.5	32,092.00
54	Condominiums	condominium (du)	5	4,011.5	20,057.50
55	Residential	residential (du)	6	4,011.5	24,069.00
56	Condominiums	condominium (du)	5	4,011.5	20,057.50
57	Condominiums	condominium (du)	5	4,011.5	20,057.50
58	Residential	residential (du)	5	4,011.5	20,057.50
59	Condominiums	condominium (du)	8	4,011.5	32,092.00
60	Residential	residential (du)	5	4,011.5	20,057.50
61	Residential	residential (du)	5	4,011.5	20,057.50
62	Condominiums	condominium (du)	5	4,011.5	20,057.50
63	Residential	residential (du)	101	4,011.5	405,161.50
64	Condominiums	condominium (du)	5	4,011.5	20,057.50
65	Condominiums	condominium (du)	5	4,011.5	20,057.50
66	St. Johns Medical Center and Master Plan	medical center (replacement of 400 beds)	N/A	0	0.00
67	Condominiums	condominium (du)	10	4,011.5	40,115.00
68	Apartments	apartment (du)	14	4,011.5	56,161.00
69	Mixed-Use	residential (du)	39	4,011.5	156,448.50
		retail (sf)	7,000	2.9	20,300.00
70	Residential	residential (du)	49	4,011.5	196,563.50
71	Alzheimers Facility	beds	65	4,011.5	260,747.50
72	Condominiums	condominium (du)	7	4,011.5	28,080.50
73	Mixed-Use	residential (du)	50	4,011.5	200,575.00
		commercial (sf)	6,000	2.9	17,400.00
74	Apartments	apartment (du)	48	4,011.5	192,552.00
75	Apartments/Office	apartment (du)	7	4,011.5	28,080.50
76	Condominiums	condominium (du)	32	4,011.5	128,368.00
77	Mixed-Use	residential (du)	32	4,011.5	128,368.00
		sign shop (sf)	3,000	2.9	8,700.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Natural Gas Consumption Rate (cf/ sf/ month) ^b	Total
78	Condominiums	condominium (du)	8	4,011.5	32,092.00
79	Storage	self-storage	31,400	2.9	91,060.00
80	Condominiums	condominium (du)	16	4,011.5	64,184.00
81	Apartments	apartment (du)	38	4,011.5	152,437.00
82	Big Blue Bus Campus Expansion	parking structure (max. 600 spaces)	N/A	0	0.00
		office (sf)	46,500	2	93,000.00
		maintenance bldg. (sf)	55,000	2.9	159,500.00
83	Affordable Housing	apartment (du)	26	4,011.5	104,299.00
84	Apartments	apartment (du)	145	4,011.5	581,667.50
85	Euclid Park	park (sf)	15,000	0	0.00
86	Lantana South	entertainment production (sf)	99,000	2.9	287,100.00
87	Condominiums	condominium (du)	5	4,011.5	20,057.50
88	Condominiums	condominium (du)	6	4,011.5	24,069.00
89	Santa Monica Civic Center Parking Structure	replacement parking (spaces)	N/A	0	0.00
		retail (sf)	12,500	2.9	36,250.00
90	North Main (Pioneer Bakery Site)	apartment (du)	107	4,011.5	429,230.50
		specialty retail (sf)	12,000	2.9	34,800.00
		apartment (du)	26	4,011.5	104,299.00
		specialty retail (sf)	7,000	2.9	20,300.00
91	Affordable Housing	apartment (du)	44	4,011.5	176,506.00
92	Mixed-Use	residential (du)	24	4,011.5	96,276.00
		commercial (sf)	9,000	2.9	26,100.00
93	Private High School	high school (sf) (1 seat = 20 sf)	15,000	2	30,000.00
94	Condominiums	condominium (du)	5	4,011.5	20,057.50
95	Miramar Development Agreement	hotel (1 rm = 500 sf)	100,000	4.8	480,000.00
		specialty retail (sf)	12,000	2.9	34,800.00
		restaurant (sf) (1 seat = 20 sf)	7,000	2.9	20,300.00
		meeting place (sf)	10,000	2	20,000.00
96	Hill Street Partners Development Agreement	hotel (sf) (1 rm = 500 sf)	37,500	4.8	180,000.00
		restaurant (sf) (1 seat = 20 sf)	3,000	2.9	8,700.00
97	Mixed-Use	condominium (du)	186	4,011.5	746,139.00
		apartment (du)	54	4,011.5	216,621.00
		specialty retail (sf)	5,000	2.9	14,500.00
98	Lantana East	entertainment production (sf)	64,000	2.9	185,600.00
99	New Roads	private school (sf) (1 seat = 20 sf)	115,000	2	230,000.00
100	Auto Dealership Expansion	auto dealership (sf)	9,600	2.9	27,840.00
101	Condominiums	condominium (du)	9	4,011.5	36,103.50
102	Condominiums	condominium (du)	5	4,011.5	20,057.50
103	Condominiums	condominium (du)	18	4,011.5	72,207.00
104	Condominiums	condominium (du)	8	4,011.5	32,092.00
105	Mayfair Theater	apartment (du)	38	4,011.5	152,437.00
		retail (sf)	10,000	2.9	29,000.00
106	Affordable Housing	apartment (du)	44	4,011.5	176,506.00
107	Mixed-Use	apartment (du)	10	4,011.5	40,115.00
		retail (sf)	12,000	2.9	34,800.00
108	Production Live/Work Bldg.	commercial (sf)	34,000	2.9	98,600.00

Related Project No.	Project Name	Land Use (unit)	Size ^a	Natural Gas Consumption Rate (cf/ sf/ month) ^b	Total
109	Production/Office/ Residential	production office	9,000	2.9	26,100.00
		residential (sf)	10,000	4,011.5	40,115,000.00
110	Condominiums	condominium (du)	12	4,011.5	48,138.00
111	Mixed-Use	residential (du)	50	4,011.5	200,575.00
		commercial (sf)	5,351	2.9	15,517.90
112	Transportation Facility Master Plan	bus maintenance building (sf)	40,000	2.9	116,000.00
		office (sf)	8,000	2	16,000.00
113	Airport Park Expansion	city park (acre)	4	0	0.00
		dog park (acre)	1	0	0.00
		recreation field (acre)	1	0	0.00
		removal of shuttle lot	0	0	0.00
114	Santa Monica/UCLA Hospital	hospital (beds)	266	4,011.5	1,067,059.00
115	Santa Monica Pier Bridge & Pier Ramp	pier	N/A	0	0.00
116	Santa Monica Downtown Parking	parking (spaces)	1,712	0	0.00
117	Civic Center Specific Plan	residential (du)	800	4,011.5	3,209,200.00
		office (sf)	93,000	2	186,000.00
		restaurant/retail (all assumed retail) (sf)	25,000	2.9	72,500.00
		city service building (sf)	100,000	2	200,000.00
		auditorium expansion (sf) (1 seat = 20 sf)	20,000	2	40,000.00
		early childhood center (sf) (1 seat = 20 sf)	12,500	2	25,000.00
		park (acre)	12.8	0	0.00
		soccer field (acre)	1	0	0.00
Related Projects Total					72,911,888.5
Proposed Project Total					110,794
Cumulative Total					73,022,682.5

Note: N/A = size of related project either not available or not relevant to cumulative natural gas consumption (i.e., in the case of replacement buildings or parking structures); du=dwelling unit; sf = square foot; cf=cubic feet.

^a All apartments, condos, beds, and other housing units assumed to be multi-family residential units as actual breakdown was unavailable.

^b Natural gas generation rates provided by South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993.

Source (related project list): Kaku Associates, June 2006.

Source (table): Christopher A. Joseph & Associates, August 2006.