

APPENDIX A

California Air District CEQA Significance Thresholds

Research of Current California Air District CEQA Thresholds

Last Updated	Basis	District Name	Pollutant	Emissions Source																TACs		Odors		Notes								
				Construction								Operational								Cancer Risk (risk/million)	Hazard Index	Screening-level Distances	Complaint History									
				ROG	NOX	PM10	PM2.5	CO	SOX	Pb	Units	ROG	NOX	PM10	PM2.5	CO	SOX	Pb	Units													
		Amador County		no guidelines																												
2008		Antelope Valley		137	137	82		548	137		lb/day	137	137	82		548	137		lb/day	10	1	No	No									
1999		Bay Area		no threshold - implement BMPs																		Yes	Yes									
1999		Bay Area		no threshold - implement BMPs																		Yes	Yes									
2008		Butte County (Level A,B)		25	25	80					lb/day	25	25	80					lb/day			Yes	Yes	Expected to be lowered in 2009 due to Ozone and PM2.5 nonattainment (pers. comm. Gail Williams 2009)								
2008		Butte County (Level C)		137	137	137					lb/day	137	137	137					lb/day			Yes	Yes	Expected to be lowered in 2009 due to Ozone and PM2.5 nonattainment (pers. comm. Gail Williams 2009)								
		Calaveras County		no guidelines																												
	Rule 3.6 NSR	Colusa County		25	25	80		500	80	3.2	lb/day	no guidelines - exacts indirect source fees per unit (Rule 4.8)																				
2002	Rule 523	El Dorado County		82	82						lb/day	82	82						lb/day	10	1	Qualitative	Qualitative									
1998	ISR Guidelines	Feather River		25	25	80					lb/day	25	25	80					lb/day					ISR Guidelines								
	Art III, Sec. 51 (N	Glenn County		no guidelines - implement BMPs - case-by-case basis																												
		Great Basin Unified		no guidelines																												
2007		Imperial County									Implement standard mitigation (Reg VIII)	55	55	150		550	150		lbs/day		Consult district	Yes	Yes	Project screening levels								
1999		Kern County		project basis - implement standard KCAPCD mitigation																		No	No									
		Lake County		no guidelines - use BAAQMD guidelines																												
		Lassen County		no guidelines - implement BMPs																												
		Mariposa County		no guidelines - implement BMPs																												
				100	100	100	100	100			TPY (Rules 419 and 420 - not recommended, but has been used)																				Also look to SJVAPCD or NSAQMD (neighboring districts for thresholds) MCAQMD direct impact: one-half the level defined as significant for stationary sources in Regulation 1, Rule 130(s2); Indirect: one-half of one half the amount allowed under Regulation 1, Rule 230(a)(3) amount allowed under Regulation 1, Rule 230(a)(3)	
	Regulation 1	Mendocino County		110	110	40		245			lb/day	180	42	80		690			lb/day	10	0.1											
	Rule 6.1	Modoc County		250	250	250		2500			lb/day	250	250	250		2500			lb/day					Rule 6.1: permit to construct								
2007		Mojave Desert		137	137	82		548	137		lb/day	137	137	82		548	137		lb/day	10	1	No	No									
2008		Monterey Bay Unified				82					lb/day	137	137	82		550	150		lb/day	10		No	No	Project screening levels for CAPs. Consult District for odor impacts.								
	Rule 110	North Coast Unified		40	40	16		100			TPY	40	40	16		100			TPY	10				no guidelines								
2004		Northern Sierra (Level A)		24	24	79					lb/day	24	24	79					lb/day	10	1			Draft: Thresholds apply to worst-case construction and operation emissions overlap (pers. comm. Samuel F. Longmire 2009)								
2004		Northern Sierra (Level C)		137	137	137					lb/day	137	137	137					lb/day	10	1			Draft: Thresholds apply to worst-case construction and operation emissions overlap (pers. comm. Samuel F. Longmire 2009)								
	NSR	Northern Sonoma County		no guidelines - relies on BAAQMD																												
		Northern Sonoma County		40	40	40		40			TPY	no guidelines - relies on BAAQMD																			pers comm. Barbara Lee, APCO 2006; draft guidelines - not published.	
		Placer County		82	82	82		550			lb/day	82	82	82		550			lb/day													
2004	SFNA 2001 Docu	Sacramento Metro				85 CAAQS		CAAQS			lb/day	65	65		CAAQS			lb/day			Yes	Yes										
		San Diego County		No guidelines -- Discussion of Lead Agency																		No	No									
2002	Rule 2201	San Joaquin Valley Unified		10	10	Reg VIII		CAAQS			TPY	10	10		CAAQS			TPY	10	1	Yes	Yes		pg. 22 of the CEQA Guide says that the basis for precursor thresholds is Rule 2201 (NSR) Project screening levels. For construction, projects over threshold should implement CBACT. Construction projects over 6 tons/quarter should implement CBACT, further mitigation, and emissions offsets.								
2003		San Luis Obispo County		185	185	2.5					lb/day	25	25	25		550	25		lb/day		Consult district	Yes	Yes	Classification of impacts (I - S/U, II - PS, III - LTS, IV -Beneficial impact). All construction projects should implement standard mitigation for PM10 fugitive dust. Odor abatement plans (OAP) can be submitted to address odor problems.								
2000		Santa Barbara County										25	25	80				lb/day			No	No										
1995		Shasta County (Level A)		25	25	80					lb/day	25	25	80					lb/day													
1995		Shasta County (Level B)		137	137	137					lb/day	137	137	137					lb/day													
		Siskiyou County		no guidelines																												
2008		South Coast		75	100	150	55	550	150	3	lb/day	55	55	150	55	550	150	3	lbs/day	10	1	No	No									
		Tehama County		no guidelines																												
	Rule 4.19	Tuolumne County		100	100	100		100			TPY	100	100	100		100			TPY													
		Tuolumne County		1,000	1,000	1,000		1,000			lb/day	1,000	1,000	1,000		1,000			lb/day													
2003		Ventura County		25	25						lb/day	25	25						lb/day	10	1	Yes	Yes									
		Ventura (Ojai Planning Area)		5	5						lb/day	5	5						lb/day	10	1	Yes	Yes									
		Simi Valley		25	25						lb/day	13.7	13.7						tons/yr	10	1	Yes	Yes									
2007	2007 Yolo-Solano			10	10			CAAQS			TPY	10	10		CAAQS			TPY	10	1	Yes	No	Justification for Thresholds "Appendix B" of 2007 CEQA Guide									
2007	2007 Yolo-Solano					80		CAAQS			lb/day			80		CAAQS			lb/day	10	1	Yes	No	Justification for Thresholds "Appendix B" of 2007 CEQA Guide								

APPENDIX B

Development Projections and URBEMIS Modeling

Bay Area New Development Projections by Urbemis Code, 2008-2020															
Urbemis Category	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total (2010-2020)	
Residential															
1	Single Family Housing	21,150,000	16,560,000	16,578,000	20,412,000	20,718,000	19,152,000	19,404,000	19,638,000	19,890,000	20,142,000	20,412,000	20,664,000	20,916,000	217,926,000
2	Apartments Low Rise	775,000	837,500	837,500	962,500	987,500	900,000	925,000	950,000	962,500	962,500	962,500	975,000	975,000	10,400,000
3	Apartments Mid Rise	2,244,000	3,527,500	3,446,750	3,884,500	3,854,750	3,744,250	3,769,750	3,795,250	3,825,000	3,850,500	3,876,000	3,905,750	3,931,250	41,883,750
4	Apartments High Rise	2,244,000	3,527,500	3,446,750	3,884,500	3,854,750	3,744,250	3,769,750	3,795,250	3,825,000	3,850,500	3,876,000	3,905,750	3,931,250	41,883,750
5	Condo/Townhouse General + High Rise ¹	864,000	828,000	1,674,000	1,998,000	2,034,000	1,872,000	1,908,000	1,926,000	1,962,000	1,962,000	1,980,000	1,998,000	2,034,000	21,348,000
	Condo/Townhouse High Rise	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mobile Home Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retirement Community	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Congregate Care (Assisted Living) Facility ²	695,000	678,000	685,000	716,000	723,000	731,000	738,000	746,000	753,000	761,000	769,000	776,000	784,000	8,182,000
Total Residential		27,972,000	25,958,500	26,668,000	31,857,500	32,172,000	30,143,500	30,514,500	30,850,500	31,217,500	31,528,500	31,875,500	32,224,500	32,571,500	341,623,500
Education															
	Day-care Center	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Elementary School ³	321,000	326,000	335,000	337,000	342,000	348,000	353,000	364,000	365,000	371,000	377,000	383,000	397,000	3,972,000
	Junior High School	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	High School	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Junior College (2 years)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	University/College (4 years) ⁴	170,000	172,000	174,000	176,000	178,000	180,000	182,000	184,000	186,000	188,000	191,000	193,000	195,000	2,027,000
	Library	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Place of Worship ⁵	290,000	293,000	281,000	300,000	303,000	307,000	310,000	313,000	317,000	321,000	325,000	328,000	345,000	3,450,000
Total Education		781,000	791,000	790,000	813,000	823,000	835,000	845,000	861,000	868,000	880,000	893,000	904,000	937,000	9,449,000
Recreation															
	City Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Racquet Club	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Racquetball/Health	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Quality Restaurant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	High Turnover (sit-down) Restaurant ⁶	1,502,000	1,086,000	1,096,000	1,113,000	1,127,000	1,142,000	1,156,000	1,187,000	1,186,000	1,201,000	1,216,000	1,231,000	1,282,000	12,937,000
	Fast Food Restaurant with Drive Thru	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fast Food Restaurant without Drive Thru	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Hotel ⁷	269,000	273,000	281,000	280,000	283,000	287,000	290,000	300,000	298,000	302,000	306,000	310,000	322,000	3,259,000
	Motel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recreation		1,771,000	1,359,000	1,377,000	1,393,000	1,410,000	1,429,000	1,446,000	1,487,000	1,484,000	1,503,000	1,522,000	1,541,000	1,604,000	16,196,000
Large Retail															
12	Free-Standing Discount Store ⁸	62,000	62,000	85,000	64,000	65,000	65,000	66,000	90,000	68,000	69,000	70,000	70,000	93,000	805,000
	Free-Standing Discount Superstore	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Discount Club	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Regional Shopping Center	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Electronic Superstore	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Home Improvement Superstore	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Large Retail		62,000	62,000	85,000	64,000	65,000	65,000	66,000	90,000	68,000	69,000	70,000	70,000	93,000	805,000
Retail															
13	Strip Mall ⁹	716,000	724,000	700,000	741,000	750,000	759,000	769,000	766,000	787,000	797,000	807,000	817,000	833,000	8,526,000
	Hardware/Paint Store	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Supermarket	300,000	303,000	307,000	309,000	312,000	315,000	319,000	327,000	325,000	328,000	331,000	335,000	347,000	3,555,000
15	Convenience Market (24 Hour) ¹⁰	8,000	9,000	10,000	9,000	9,000	10,000	10,000	11,000	11,000	11,000	11,000	11,000	13,000	116,000
	Convenience Market with Gas Pumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gasoline/Service Station	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Retail		1,024,000	1,036,000	1,017,000	1,059,000	1,071,000	1,084,000	1,098,000	1,104,000	1,123,000	1,136,000	1,149,000	1,163,000	1,193,000	12,197,000
Commercial															
	Bank with drive-through	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	General Office Building ¹¹	2,182,000	2,218,000	2,248,000	2,292,000	2,330,000	2,369,000	2,409,000	2,455,000	2,491,000	2,533,000	2,576,000	2,620,000	2,683,000	27,006,000
17	Office Park	180,000	184,000	194,000	193,000	198,000	203,000	208,000	222,000	220,000	225,000	231,000	237,000	255,000	2,386,000
18	Government Office Building ¹²	685,000	690,000	699,000	701,000	706,000	712,000	717,000	743,000	729,000	734,000	740,000	746,000	791,000	8,018,000
	Government (Civic Center)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pharmacy/Drugstore with drive-through	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Pharmacy/Drugstore without drive-through ¹³	53,000	54,000	54,000	55,000	55,000	56,000	56,000	56,000	57,000	57,000	58,000	58,000	59,000	621,000
	Medical Office Building	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Hospital	711,000	720,000	736,000	737,000	746,000	756,000	765,000	795,000	784,000	794,000	804,000	814,000	864,000	8,595,000
Total Commercial		3,811,000	3,866,000	3,931,000	3,978,000	4,035,000	4,096,000	4,155,000	4,271,000	4,281,000	4,343,000	4,409,000	4,475,000	4,652,000	46,626,000

Bay Area New Development Projections by Urbemis Code, 2008-2020														
Urbemis Category	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total (2010-2020)
Industrial														
21 Warehouse ¹⁴	2,328,000	2,364,000	2,450,000	2,440,000	2,479,000	2,518,000	2,558,000	2,660,000	2,641,000	2,682,000	2,725,000	2,768,000	2,892,000	28,813,000
22 General Light Industry ¹⁵	1,562,000	1,581,000	1,631,000	1,620,000	1,640,000	1,660,000	1,681,000	1,751,000	1,723,000	1,744,000	1,766,000	1,789,000	1,889,000	18,894,000
23 General Heavy Industry	147,000	164,000	212,000	200,000	218,000	236,000	255,000	306,000	293,000	312,000	332,000	353,000	413,000	3,130,000
Industrial Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Industrial	4,037,000	4,109,000	4,293,000	4,260,000	4,337,000	4,414,000	4,494,000	4,717,000	4,657,000	4,738,000	4,823,000	4,910,000	5,194,000	50,837,000
Total	39,458,000	37,181,500	38,161,000	43,424,500	43,913,000	42,066,500	42,618,500	43,380,500	43,698,500	44,197,500	44,741,500	45,287,500	46,244,500	477,733,500

Notes

- 1 - Condo / Townhouse High Rise included in the Condo / Townhouse General Category
- 2 - Congregate Care includes Retirement Community and Mobile Home Parks
- 3 - Elementary School includes Junior High School, High School, and Day Care Centers
- 4 - Universities include Junior Colleges
- 5 - Place of Worship includes Libraries and Raquet Club and Raquetball/Health
- 6 - High Turnover (sit-down) Restaurant includes Quality Restaurant and Fast Food
- 7 - Hotel Includes Motel
- 8 - Free Standing Discount Store includes Free Standing Discount Superstore and Discount Club and Regional Shopping Center and Electronic Superstore and Home Improvement Superstore
- 9 - Strip Mall includes Hardware/Paint Store
- 10 - Convenience Market includes Convenience Market with Gas Pumps and Gasoline/Service Station
- 11 - General Office Building includes Medical Office Building
- 12 - Government Office Building includes Government (Civic Center)
- 13 - Pharmacy/Drugstore with and without drive-through
- 14 - Warehouse includes Manufacturing
- 15 - Light Industry includes Industrial Park

Bay Area New Development Projections (square feet), 2008-2020														
Product Type	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total (2010-2020)
Residential ¹	28,201,000	26,144,500	26,019,000	31,201,500	31,509,000	29,472,500	29,836,500	30,164,500	30,524,500	30,827,500	31,166,500	31,508,500	31,847,500	334,077,500
Other Residential ²	695,000	678,000	685,000	716,000	723,000	731,000	738,000	746,000	753,000	761,000	769,000	776,000	784,000	8,182,000
Education ²	781,000	791,000	790,000	813,000	823,000	835,000	845,000	861,000	868,000	880,000	893,000	904,000	937,000	9,449,000
Recreation ²	1,771,000	1,359,000	1,377,000	1,393,000	1,410,000	1,429,000	1,446,000	1,487,000	1,484,000	1,503,000	1,522,000	1,541,000	1,604,000	16,196,000
Large Retail ²	62,000	62,000	85,000	64,000	65,000	65,000	66,000	90,000	68,000	69,000	70,000	70,000	93,000	805,000
Retail ²	1,024,000	1,036,000	1,017,000	1,059,000	1,071,000	1,084,000	1,098,000	1,104,000	1,123,000	1,136,000	1,149,000	1,163,000	1,193,000	12,197,000
Commercial ²	3,811,000	3,866,000	3,931,000	3,978,000	4,035,000	4,096,000	4,155,000	4,271,000	4,281,000	4,343,000	4,409,000	4,475,000	4,652,000	46,626,000
Industrial ²	4,037,000	4,109,000	4,293,000	4,260,000	4,337,000	4,414,000	4,494,000	4,717,000	4,657,000	4,738,000	4,823,000	4,910,000	5,194,000	50,837,000
2010 - 2020	40,382,000	38,045,500	38,197,000	43,484,500	43,973,000	42,126,500	42,678,500	43,440,500	43,758,500	44,257,500	44,801,500	45,347,500	46,304,500	478,369,500

Note:

1 - Population Driven Residential Development, Department of Finance

2 - Employment Driven Development Projections, NAICS data

Bay Area New Development Distributions per Product Type, 2008-2020														
Product Type	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Residential ¹	69.8%	68.7%	68.1%	71.8%	71.7%	70.0%	69.9%	69.4%	69.8%	69.7%	69.6%	69.5%	68.8%	69.8%
Other Residential ²	1.7%	1.8%	1.8%	1.6%	1.6%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%
Education ²	1.9%	2.1%	2.1%	1.9%	1.9%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Recreation ²	4.4%	3.6%	3.6%	3.2%	3.2%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.5%	3.4%
Large Retail ²	0.2%	0.2%	0.2%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
Retail ²	2.5%	2.7%	2.7%	2.4%	2.4%	2.6%	2.6%	2.5%	2.6%	2.6%	2.6%	2.6%	2.6%	2.5%
Commercial ²	9.4%	10.2%	10.3%	9.1%	9.2%	9.7%	9.7%	9.8%	9.8%	9.8%	9.8%	9.9%	10.0%	9.7%
Industrial ²	10.0%	10.8%	11.2%	9.8%	9.9%	10.5%	10.5%	10.9%	10.6%	10.7%	10.8%	10.8%	11.2%	10.6%

2020 Summary of Pollutant Load by Urbemis Category

	ROG (tons/yr)	Nox (tons/yr)	PM ¹⁰ (tons/yr)	PM ^{2.5} (tons/yr)	CO ₂ (tons/yr)
Single Family Housing	296.24	125.78	336.80	94.04	201,060.17
Apartments Low Rise	5.35	1.90	5.41	1.67	3,037.95
Apartments Mid Rise	57.19	18.23	51.56	16.82	29,121.89
Apartments High Rise	86.02	26.30	73.57	24.81	41,719.75
Condo/Townhouse General + High Rise	35.49	12.55	35.85	11.11	20,114.84
Congregate Care (Assisted Living) Facility	17.12	3.23	8.07	3.97	4,780.31
Elementary School	4.42	5.20	14.03	2.66	8,346.88
University/College (4 years)	0.42	0.35	1.00	0.19	569.79
Place of Worship	2.54	3.00	7.26	1.36	4,627.96
High Turnover (sit-down) Restaurant	99.22	123.22	380.87	72.01	205,974.90
Hotel	2.39	2.87	7.25	1.37	4,541.95
Free-Standing Discount Store	-	-	-	-	-
Strip Mall	20.11	24.65	72.87	13.84	40,523.18
Supermarket	21.39	26.88	82.01	15.54	44,567.57
Convenience Market (24 Hour)	5.63	7.12	22.19	4.19	11,879.41
General Office Building	14.83	16.50	45.70	8.58	26,926.92
Office Park	-	-	-	-	-
Government Office Building	34.16	42.24	129.05	24.37	70,189.95
Pharmacy/Drugstore without drive-through	3.22	4.04	12.28	2.32	6,435.07
Hospital	4.77	5.55	15.96	3.02	9,099.83
Warehouse	14.06	12.71	33.12	6.22	20,107.42
General Light Industry	0.39	0.39	1.11	0.21	638.72
General Heavy Industry	-	-	-	-	-

Urbemis Code

- Single Family Housing
- Urbemis Code**
- Apartments Low Rise
- Urbemis Code**
- Apartments Mid Rise
- Urbemis Code**
- Apartments High Rise
- Urbemis Code**
- Condo/Townhouse General + High Rise
- Urbemis Code**
- Congregate Care (Assisted Living) Facility
- Urbemis Code**
- Elementary School
- Urbemis Code**
- University/College (4 years)
- Urbemis Code**
- Place of Worship
- Urbemis Code**
- High Turnover (sit-down) Restaurant
- Urbemis Code**
- Hotel
- Urbemis Code**
- Free-Standing Discount Store
- Urbemis Code**
- Strip Mall
- Urbemis Code**
- Supermarket
- Urbemis Code**
- Convenience Market (24 Hour)
- Urbemis Code**
- General Office Building
- Urbemis Code**
- Office Park
- Urbemis Code**
- Government Office Building
- Urbemis Code**
- Pharmacy/Drugstore without drive-through
- Urbemis Code**
- Hospital
- Urbemis Code**
- Warehouse
- Urbemis Code**
- General Light Industry
- Urbemis Code**
- General Heavy Industry

All Development Type Totals

ClearinghouseKey	ProjectLocation	DocumentTypeKey	ConstructionYear	LandUseD1	LandUseUnits		Project Square Footage	Size Category
					ts1	Conversion		
2004122024	714 ND/MND	2005	Single family housing		1	1,800	1,800	0
219216	614 EIR	2002	Single family housing		1	1,800	1,800	0
2211919	21 ND/MND	2002	Single family housing		1	1,800	1,800	0
2212286	36 ND/MND	2002	Single family housing		1	1,800	1,800	0
226288	311 ND/MND	2002	Single family housing		1	1,800	1,800	0
227225	45 ND/MND	2002	Single family housing		1	1,800	1,800	0
213231	614 ND/MND	2002	Single family housing		1	1,800	1,800	0
2003032076	306 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003062144	306 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003072006	306 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003072144	306 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003122008	306 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003062124	311 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003032108	601 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003039008	701 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003102109	701 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003102133	701 ND/MND	2003	Single family housing		1	1,800	1,800	0
2003119002	701 ND/MND	2003	Single family housing		1	1,800	1,800	0
2004032078	306 ND/MND	2004	Single family housing		1	1,800	1,800	0
2004062070	306 ND/MND	2004	Single family housing		1	1,800	1,800	0
2004012066	701 ND/MND	2004	Single family housing		1	1,800	1,800	0
2004022096	714 ND/MND	2004	Single family housing		1	1,800	1,800	0
2005082107	301 ND/MND	2005	Single family housing		1	1,800	1,800	0
2005062125	306 ND/MND	2005	Single family housing		1	1,800	1,800	0
2005022128	401 ND/MND	2005	Single family housing		1	1,800	1,800	0
2005042056	401 ND/MND	2005	Single family housing		1	1,800	1,800	0
2005052087	401 ND/MND	2005	Single family housing		1	1,800	1,800	0
2005082086	401 ND/MND	2005	Single family housing		1	1,800	1,800	0
2005012069	701 ND/MND	2005	Single family housing		1	1,800	1,800	0
2006032034	301 ND/MND	2006	Single family housing		1	1,800	1,800	0
2006052011	301 ND/MND	2006	Single family housing		1	1,800	1,800	0
2006042170	401 ND/MND	2006	Single family housing		1	1,800	1,800	0
2006052085	401 ND/MND	2006	Single family housing		1	1,800	1,800	0
2006102032	601 ND/MND	2006	Single family housing		1	1,800	1,800	0
2006112114	603 ND/MND	2006	Single family housing		1	1,800	1,800	0
2005112090	701 ND/MND	2006	Single family housing		1	1,800	1,800	0
2006022016	701 ND/MND	2006	Single family housing		1	1,800	1,800	0
2006052031	701 ND/MND	2006	Single family housing		1	1,800	1,800	0
2006052047	701 ND/MND	2006	Single family housing		1	1,800	1,800	0
2006082059	701 ND/MND	2006	Single family housing		1	1,800	1,800	0
2005122013	901 ND/MND	2006	Single family housing		1	1,800	1,800	0
2007102016	201 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007042135	217 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007032114	301 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007092034	301 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007042053	601 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007042121	610 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007022112	614 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007122058	614 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007062026	701 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007072009	701 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007072015	701 ND/MND	2007	Single family housing		1	1,800	1,800	0
2007082115	701 ND/MND	2007	Single family housing		1	1,800	1,800	0
2008062080	501 EIR	2008	Single family housing		1	1,800	1,800	0
2008012001	301 ND/MND	2008	Single family housing		1	1,800	1,800	0
2007092088	610 ND/MND	2008	Single family housing		1	1,800	1,800	0
2008072020	610 ND/MND	2008	Single family housing		1	1,800	1,800	0
2008089012	611 ND/MND	2008	Single family housing		1	1,800	1,800	0
2008072008	707 ND/MND	2008	Single family housing		1	1,800	1,800	0
2008012033	714 ND/MND	2008	Single family housing		1	1,800	1,800	0
2004032047	614 EIR	2005	Single family housing		1	1,800	1,800	0
224265	111 ND/MND	2002	Single family housing		2	1,800	3,600	0
227922	31 ND/MND	2002	Single family housing		2	1,800	3,600	0
227215	39 ND/MND	2002	Single family housing		2	1,800	3,600	0
228221	91 ND/MND	2002	Single family housing		2	1,800	3,600	0
2002062084	301 ND/MND	2003	Single family housing		2	1,800	3,600	0
2003032109	306 ND/MND	2003	Single family housing		2	1,800	3,600	0
2003042086	701 ND/MND	2003	Single family housing		2	1,800	3,600	0
2003042146	701 ND/MND	2003	Single family housing		2	1,800	3,600	0
2003092087	701 ND/MND	2003	Single family housing		2	1,800	3,600	0
2003112084	901 ND/MND	2003	Single family housing		2	1,800	3,600	0
2004062071	212 ND/MND	2004	Single family housing		2	1,800	3,600	0
2004042010	709 ND/MND	2004	Single family housing		2	1,800	3,600	0
2004032131	901 ND/MND	2004	Single family housing		2	1,800	3,600	0
2004052094	905 ND/MND	2004	Single family housing		2	1,800	3,600	0
2005122060	201 ND/MND	2005	Single family housing		2	1,800	3,600	0
2005042017	212 ND/MND	2005	Single family housing		2	1,800	3,600	0
2005102071	301 ND/MND	2005	Single family housing		2	1,800	3,600	0
2005102063	306 ND/MND	2005	Single family housing		2	1,800	3,600	0
2005052066	619 ND/MND	2005	Single family housing		2	1,800	3,600	0
2005052083	901 ND/MND	2005	Single family housing		2	1,800	3,600	0
2006012063	201 ND/MND	2006	Single family housing		2	1,800	3,600	0
2006072092	201 ND/MND	2006	Single family housing		2	1,800	3,600	0
2006022014	301 ND/MND	2006	Single family housing		2	1,800	3,600	0
2006112027	701 ND/MND	2006	Single family housing		2	1,800	3,600	0
2006112028	701 ND/MND	2006	Single family housing		2	1,800	3,600	0
2006012053	901 ND/MND	2006	Single family housing		2	1,800	3,600	0
2007022054	201 ND/MND	2007	Single family housing		2	1,800	3,600	0
2007122030	201 ND/MND	2007	Single family housing		2	1,800	3,600	0
2007022047	212 ND/MND	2007	Single family housing		2	1,800	3,600	0
2007102055	301 ND/MND	2007	Single family housing		2	1,800	3,600	0
2007019006	404 ND/MND	2007	Single family housing		2	1,800	3,600	0
2007012081	601 ND/MND	2007	Single family housing		2	1,800	3,600	0
2007062102	908 ND/MND	2007	Single family housing		2	1,800	3,600	0
2008022149	201 ND/MND	2008	Single family housing		2	1,800	3,600	0
2008042060	201 ND/MND	2008	Single family housing		2	1,800	3,600	0
2008052116	201 ND/MND	2008	Single family housing		2	1,800	3,600	0
2006092075	301 ND/MND	2008	Single family housing		2	1,800	3,600	0
2007012117	301 ND/MND	2008	Single family housing		2	1,800	3,600	0
2008062099	301 ND/MND	2008	Single family housing		2	1,800	3,600	0
2008072027	601 ND/MND	2008	Single family housing		2	1,800	3,600	0
2005072073	309 ND/MND	2005	Single family housing		2	1,800	3,600	0
2006052045	406 ND/MND	2006	Single family housing		3	1,800	5,400	0
2252112	111 ND/MND	2002	Single family housing		3	1,800	5,400	0
221267	21 ND/MND	2002	Single family housing		3	1,800	5,400	0
228235	81 ND/MND	2002	Single family housing		3	1,800	5,400	0
226218	91 ND/MND	2002	Single family housing		3	1,800	5,400	0
2002102065	201 ND/MND	2003	Single family housing		3	1,800	5,400	0
2003122141	201 ND/MND	2003	Single family housing		3	1,800	5,400	0
2003062131	311 ND/MND	2003	Single family housing		3	1,800	5,400	0

2004122068	201 ND/MND	2004 Single family housing	3	1,800	5,400	0
2004052010	401 ND/MND	2004 Single family housing	3	1,800	5,400	0
2004012071	901 ND/MND	2004 Single family housing	3	1,800	5,400	0
2004052095	905 ND/MND	2004 Single family housing	3	1,800	5,400	0
2005072098	201 ND/MND	2005 Single family housing	3	1,800	5,400	0
2005048099	212 ND/MND	2005 Single family housing	3	1,800	5,400	0
2005078117	212 ND/MND	2005 Single family housing	3	1,800	5,400	0
2005092135	213 ND/MND	2005 Single family housing	3	1,800	5,400	0
2005082074	603 ND/MND	2005 Single family housing	3	1,800	5,400	0
2004042115	604 ND/MND	2005 Single family housing	3	1,800	5,400	0
2005042038	701 ND/MND	2005 Single family housing	3	1,800	5,400	0
2005012098	713 ND/MND	2005 Single family housing	3	1,800	5,400	0
2005022134	801 ND/MND	2005 Single family housing	3	1,800	5,400	0
2005042047	908 ND/MND	2005 Single family housing	3	1,800	5,400	0
2005022122	305 EIR	2006 Single family housing	3	1,800	5,400	0
2002092073	308 EIR	2006 Single family housing	3	1,800	5,400	0
2006052090	113 ND/MND	2006 Single family housing	3	1,800	5,400	0
2006022004	201 ND/MND	2006 Single family housing	3	1,800	5,400	0
2006122008	212 ND/MND	2006 Single family housing	3	1,800	5,400	0
2006092079	701 ND/MND	2006 Single family housing	3	1,800	5,400	0
2007042008	701 ND/MND	2007 Single family housing	3	1,800	5,400	0
2007092026	901 ND/MND	2007 Single family housing	3	1,800	5,400	0
2008022136	209 EIR	2008 Single family housing	3	1,800	5,400	0
2008052115	201 ND/MND	2008 Single family housing	3	1,800	5,400	0
2008032028	206 ND/MND	2008 Single family housing	3	1,800	5,400	0
2007112085	611 ND/MND	2008 Single family housing	3	1,800	5,400	0
2008012080	705 ND/MND	2008 Single family housing	3	1,800	5,400	0
2008042022	901 ND/MND	2008 Single family housing	3	1,800	5,400	0
2004072104	214 ND/MND	2004 Single family housing	3	1,800	5,400	0
2005039003	219 ND/MND	2005 Single family housing	3	1,800	5,400	0
2001079061	205 ND/MND	2001 Single family housing	4	1,800	7,200	0
225278	21 ND/MND	2002 Single family housing	4	1,800	7,200	0
227215	212 ND/MND	2002 Single family housing	4	1,800	7,200	0
282144	312 ND/MND	2002 Single family housing	4	1,800	7,200	0
227224	77 ND/MND	2002 Single family housing	4	1,800	7,200	0
2003022114	301 ND/MND	2003 Single family housing	4	1,800	7,200	0
2003082004	801 ND/MND	2003 Single family housing	4	1,800	7,200	0
2001072036	312 EIR	2004 Single family housing	4	1,800	7,200	0
2004102006	201 ND/MND	2004 Single family housing	4	1,800	7,200	0
2004082037	213 ND/MND	2004 Single family housing	4	1,800	7,200	0
2004062116	301 ND/MND	2004 Single family housing	4	1,800	7,200	0
2004052084	309 ND/MND	2004 Single family housing	4	1,800	7,200	0
2004052083	801 ND/MND	2004 Single family housing	4	1,800	7,200	0
2004042027	905 ND/MND	2004 Single family housing	4	1,800	7,200	0
2005092113	201 ND/MND	2005 Single family housing	4	1,800	7,200	0
2003062090	307 ND/MND	2005 Single family housing	4	1,800	7,200	0
2005012088	701 ND/MND	2005 Single family housing	4	1,800	7,200	0
2005062168	715 ND/MND	2005 Single family housing	4	1,800	7,200	0
2005102013	801 ND/MND	2005 Single family housing	4	1,800	7,200	0
2005112005	111 EIR	2006 Single family housing	4	1,800	7,200	0
2006042097	201 ND/MND	2006 Single family housing	4	1,800	7,200	0
2006038275	212 ND/MND	2006 Single family housing	4	1,800	7,200	0
2006082084	907 ND/MND	2006 Single family housing	4	1,800	7,200	0
2006092059	908 ND/MND	2006 Single family housing	4	1,800	7,200	0
2007032005	209 ND/MND	2007 Single family housing	4	1,800	7,200	0
2007042131	212 ND/MND	2007 Single family housing	4	1,800	7,200	0
2007052087	212 ND/MND	2007 Single family housing	4	1,800	7,200	0
2007022053	403 ND/MND	2007 Single family housing	4	1,800	7,200	0
2007052011	908 ND/MND	2007 Single family housing	4	1,800	7,200	0
2007082047	908 ND/MND	2007 Single family housing	4	1,800	7,200	0
2001072121	301 EIR	2008 Single family housing	4	1,800	7,200	0
225266	212 ND/MND	2002 Single family housing	5	1,800	9,000	0
224211	31 ND/MND	2002 Single family housing	5	1,800	9,000	0
2003112041	114 ND/MND	2003 Single family housing	5	1,800	9,000	0
2003122146	608 ND/MND	2003 Single family housing	5	1,800	9,000	0
2003042054	805 ND/MND	2003 Single family housing	5	1,800	9,000	0
2004052050	201 ND/MND	2004 Single family housing	5	1,800	9,000	0
2004092114	201 ND/MND	2004 Single family housing	5	1,800	9,000	0
2004122043	204 ND/MND	2004 Single family housing	5	1,800	9,000	0
2003062047	303 ND/MND	2004 Single family housing	5	1,800	9,000	0
2004022064	404 ND/MND	2004 Single family housing	5	1,800	9,000	0
2004042113	312 EIR	2005 Single family housing	5	1,800	9,000	0
2005032116	201 ND/MND	2005 Single family housing	5	1,800	9,000	0
2005122041	201 ND/MND	2005 Single family housing	5	1,800	9,000	0
2005092106	802 ND/MND	2005 Single family housing	5	1,800	9,000	0
2006112071	101 ND/MND	2006 Single family housing	5	1,800	9,000	0
2007102043	212 ND/MND	2007 Single family housing	5	1,800	9,000	0
2006102101	301 ND/MND	2007 Single family housing	5	1,800	9,000	0
2003032062	107 ND/MND	2003 Single family housing	6	1,800	10,800	0
2003122147	107 ND/MND	2003 Single family housing	6	1,800	10,800	0
2002122084	301 ND/MND	2003 Single family housing	6	1,800	10,800	0
2005012115	212 ND/MND	2005 Single family housing	6	1,800	10,800	0
2006032119	107 ND/MND	2006 Single family housing	6	1,800	10,800	0
2006052126	206 ND/MND	2006 Single family housing	6	1,800	10,800	0
2006102094	212 ND/MND	2006 Single family housing	6	1,800	10,800	0
2006019036	301 ND/MND	2006 Single family housing	6	1,800	10,800	0
2006092040	802 ND/MND	2006 Single family housing	6	1,800	10,800	0
2007122068	201 ND/MND	2007 Single family housing	6	1,800	10,800	0
1997102039	301 ND/MND	2008 Single family housing	6	1,800	10,800	0
2005052030	907 ND/MND	2005 Single family housing	7	1,800	12,600	0
221911	17 ND/MND	2002 Single family housing	7	1,800	12,600	0
22224	81 ND/MND	2002 Single family housing	7	1,800	12,600	0
2003029014	109 ND/MND	2003 Single family housing	7	1,800	12,600	0
2005072153	201 ND/MND	2005 Single family housing	7	1,800	12,600	0
2005082005	111 EIR	2006 Single family housing	7	1,800	12,600	0
2006112092	220 ND/MND	2006 Single family housing	7	1,800	12,600	0
2006112022	902 ND/MND	2006 Single family housing	7	1,800	12,600	0
2007032104	707 ND/MND	2007 Single family housing	7	1,800	12,600	0
2008032056	905 ND/MND	2008 Single family housing	7	1,800	12,600	0
2008032097	905 ND/MND	2008 Single family housing	7	1,800	12,600	0
2008032098	905 ND/MND	2008 Single family housing	7	1,800	12,600	0
2002062025	802 ND/MND	2004 Single family housing	8	1,800	14,400	0
222266	21 ND/MND	2002 Single family housing	8	1,800	14,400	0
2005032054	209 EIR	2005 Single family housing	8	1,800	14,400	0
2005052132	204 ND/MND	2005 Single family housing	8	1,800	14,400	0
2006072110	113 ND/MND	2006 Single family housing	8	1,800	14,400	0
2006122023	201 ND/MND	2006 Single family housing	8	1,800	14,400	0
2006069003	206 ND/MND	2006 Single family housing	8	1,800	14,400	0
2008042118	801 ND/MND	2008 Single family housing	8	1,800	14,400	0
221222	91 ND/MND	2002 Single family housing	9	1,800	16,200	0
2003042010	114 ND/MND	2003 Single family housing	9	1,800	16,200	0
2005092007	715 ND/MND	2005 Single family housing	9	1,800	16,200	0
2006052153	204 ND/MND	2006 Single family housing	9	1,800	16,200	0
2004032153	212 ND/MND	2004 Single family housing	10	1,800	18,000	0

2007052007	902 ND/MND	2007 Single family housing	10	1,800	18,000	0
2006032108	306 ND/MND	2007 Single family housing	11	1,800	19,800	0
2002052011	901 EIR	2003 Single family housing	11	1,800	19,800	0
2003032040	905 ND/MND	2003 Single family housing	11	1,800	19,800	0
2005099047	101 ND/MND	2005 Single family housing	11	1,800	19,800	0
2005082041	108 ND/MND	2005 Single family housing	11	1,800	19,800	0
2004122142	905 ND/MND	2005 Single family housing	11	1,800	19,800	0
2006062070	201 ND/MND	2006 Single family housing	11	1,800	19,800	0
2006112030	401 ND/MND	2006 Single family housing	11	1,800	19,800	0
2007062124	107 ND/MND	2007 Single family housing	11	1,800	19,800	0
2007022114	901 ND/MND	2007 Single family housing	11	1,800	19,800	0
22493	11 ND/MND	2002 Single family housing	12	1,800	21,600	0
1991053066	802 ND/MND	2003 Single family housing	12	1,800	21,600	0
2004092117	213 ND/MND	2004 Single family housing	12	1,800	21,600	0
2002022012	404 ND/MND	2004 Single family housing	12	1,800	21,600	0
2004092072	901 ND/MND	2004 Single family housing	12	1,800	21,600	0
2005072094	612 ND/MND	2005 Single family housing	12	1,800	21,600	0
2007072091	710 ND/MND	2007 Single family housing	12	1,800	21,600	0
215246	61 EIR	2002 Single family housing	13	1,800	23,400	0
2005122070	113 ND/MND	2005 Single family housing	13	1,800	23,400	0
2005012116	212 ND/MND	2005 Single family housing	13	1,800	23,400	0
2228	611 EIR	2002 Single family housing	14	1,800	25,200	0
2004092056	401 ND/MND	2004 Single family housing	14	1,800	25,200	0
2006092117	905 ND/MND	2006 Single family housing	14	1,800	25,200	0
2007102063	617 ND/MND	2008 Single family housing	14	1,800	25,200	0
2003022039	905 ND/MND	2003 Single family housing	15	1,800	27,000	0
224229	95 ND/MND	2002 Single family housing	15	1,800	27,000	0
2003102114	201 ND/MND	2003 Single family housing	15	1,800	27,000	0
2003032089	713 ND/MND	2003 Single family housing	15	1,800	27,000	0
2004122086	201 ND/MND	2004 Single family housing	15	1,800	27,000	0
2005072110	907 ND/MND	2005 Single family housing	15	1,800	27,000	0
2006112072	614 EIR	2007 Single family housing	15	1,800	27,000	0
2007072083	201 ND/MND	2007 Single family housing	15	1,800	27,000	0
2008022011	403 ND/MND	2008 Single family housing	15	1,800	27,000	0
228279	28 ND/MND	2002 Single family housing	16	1,800	28,800	0
2003082042	101 EIR	2004 Single family housing	16	1,800	28,800	0
2004062002	101 EIR	2004 Single family housing	16	1,800	28,800	0
2004082099	101 ND/MND	2004 Single family housing	16	1,800	28,800	0
2005052107	905 ND/MND	2005 Single family housing	16	1,800	28,800	0
2003032020	101 EIR	2006 Single family housing	16	1,800	28,800	0
2005092120	701 EIR	2006 Single family housing	16	1,800	28,800	0
2006082078	212 ND/MND	2006 Single family housing	16	1,800	28,800	0
2007112103	804 ND/MND	2007 Single family housing	16	1,800	28,800	0
2007102017	905 ND/MND	2007 Single family housing	16	1,800	28,800	0
221293	71 ND/MND	2002 Single family housing	17	1,800	30,600	0
223212	29 Q	2002 Single family housing	17	1,800	30,600	0
2002062090	701 EIR	2005 Single family housing	17	1,800	30,600	0
2005092133	908 ND/MND	2005 Single family housing	17	1,800	30,600	0
2006042157	201 ND/MND	2006 Single family housing	17	1,800	30,600	0
2006032101	212 ND/MND	2006 Single family housing	17	1,800	30,600	0
2007052129	201 ND/MND	2007 Single family housing	17	1,800	30,600	0
2008032078	805 ND/MND	2008 Single family housing	17	1,800	30,600	0
2000062033	707 EIR	2000 Single family housing	18	1,800	32,400	0
2005062176	704 EIR	2005 Single family housing	18	1,800	32,400	0
2005022083	404 ND/MND	2006 Single family housing	18	1,800	32,400	0
2006062020	404 ND/MND	2006 Single family housing	18	1,800	32,400	0
2006062021	306 EIR	2007 Single family housing	18	1,800	32,400	0
2005072009	804 ND/MND	2005 Single family housing	19	1,800	34,200	0
2003092032	619 EIR	2003 Single family housing	19	1,800	34,200	0
2003052133	908 ND/MND	2003 Single family housing	19	1,800	34,200	0
2004072123	901 ND/MND	2004 Single family housing	19	1,800	34,200	0
2006062019	701 ND/MND	2006 Single family housing	19	1,800	34,200	0
2006112057	907 EIR	2008 Single family housing	20	1,800	36,000	0
2004102099	212 ND/MND	2004 Single family housing	20	1,800	36,000	0
2003122028	905 ND/MND	2004 Single family housing	20	1,800	36,000	0
2005052036	212 ND/MND	2005 Single family housing	20	1,800	36,000	0
2004052108	101 EIR	2006 Single family housing	20	1,800	36,000	0
2006042011	201 ND/MND	2006 Single family housing	20	1,800	36,000	0
2006092007	212 ND/MND	2006 Single family housing	20	1,800	36,000	0
2006112126	212 ND/MND	2006 Single family housing	20	1,800	36,000	0
2007062021	802 EIR	2007 Single family housing	22	1,800	39,600	0
2003072136	215 ND/MND	2003 Single family housing	22	1,800	39,600	0
2004022045	404 ND/MND	2004 Single family housing	22	1,800	39,600	0
2004062010	707 EIR	2005 Single family housing	22	1,800	39,600	0
2006032084	201 ND/MND	2006 Single family housing	22	1,800	39,600	0
2006012065	206 ND/MND	2006 Single family housing	22	1,800	39,600	0
2007102125	108 ND/MND	2007 Single family housing	22	1,800	39,600	0
2252118	35 ND/MND	2002 Single family housing	23	1,800	41,400	0
1992073053	614 EIR	2006 Single family housing	23	1,800	41,400	0
2001102081	209 EIR	2003 Single family housing	23	1,800	41,400	0
2003032026	201 EIR	2004 Single family housing	23	1,800	41,400	0
2007112102	801 ND/MND	2007 Single family housing	23	1,800	41,400	0
2003112068	901 ND/MND	2003 Single family housing	25	1,800	45,000	0
2004032039	204 ND/MND	2004 Single family housing	25	1,800	45,000	0
2004022035	212 ND/MND	2004 Single family housing	25	1,800	45,000	0
2004052081	905 ND/MND	2004 Single family housing	25	1,800	45,000	0
2005062083	201 ND/MND	2005 Single family housing	25	1,800	45,000	0
2005082114	212 ND/MND	2005 Single family housing	25	1,800	45,000	0
2005042036	713 ND/MND	2005 Single family housing	25	1,800	45,000	0
2006062080	113 ND/MND	2006 Single family housing	25	1,800	45,000	0
2003112008	107 ND/MND	2003 Single family housing	26	1,800	46,800	0
2004052025	901 ND/MND	2004 Single family housing	26	1,800	46,800	0
2005022084	404 ND/MND	2005 Single family housing	26	1,800	46,800	0
2006062088	212 ND/MND	2006 Single family housing	26	1,800	46,800	0
2007012114	905 ND/MND	2007 Single family housing	26	1,800	46,800	0
2005012075	617 ND/MND	2006 Single family housing	27	1,800	48,600	0
1995063038	301 EIR	2005 Single family housing	28	1,800	50,400	1
2004082101	215 ND/MND	2004 Single family housing	28	1,800	50,400	1
2008012089	111 ND/MND	2008 Single family housing	28	1,800	50,400	1
1992083076	905 EIR	2003 Single family housing	29	1,800	52,200	1
2004092013	905 ND/MND	2004 Single family housing	29	1,800	52,200	1
2006062150	614 EIR	2007 Single family housing	29	1,800	52,200	1
1996052025	109 EIR	2004 Single family housing	30	1,800	54,000	1
2005082092	212 ND/MND	2005 Single family housing	30	1,800	54,000	1
2007092081	905 ND/MND	2007 Single family housing	30	1,800	54,000	1
2003022012	905 ND/MND	2003 Single family housing	31	1,800	55,800	1
2006012003	207 ND/MND	2006 Single family housing	31	1,800	55,800	1
2003012108	610 EIR	2003 Single family housing	32	1,800	57,600	1
2003122029	905 ND/MND	2004 Single family housing	32	1,800	57,600	1
2004012102	111 EIR	2005 Single family housing	32	1,800	57,600	1
2005072122	801 ND/MND	2005 Single family housing	32	1,800	57,600	1
2006102132	905 ND/MND	2006 Single family housing	32	1,800	57,600	1
2006052063	107 ND/MND	2007 Single family housing	32	1,800	57,600	1
2007102018	905 ND/MND	2007 Single family housing	32	1,800	57,600	1

2002012071	619 EIR	2003 Single family housing	34	1,800	61,200	1
2004082083	905 ND/MND	2004 Single family housing	34	1,800	61,200	1
2007062100	905 ND/MND	2007 Single family housing	34	1,800	61,200	1
2008032025	212 ND/MND	2008 Single family housing	34	1,800	61,200	1
2006102052	405 ND/MND	2007 Single family housing	35	1,800	63,000	1
2004042119	215 ND/MND	2004 Single family housing	35	1,800	63,000	1
2003022062	211 EIR	2006 Single family housing	35	1,800	63,000	1
2006102088	212 ND/MND	2006 Single family housing	35	1,800	63,000	1
2007079026	203 ND/MND	2007 Single family housing	35	1,800	63,000	1
2005052026	213 EIR	2007 Single family housing	36	1,800	64,800	1
2005062069	217 EIR	2006 Single family housing	36	1,800	64,800	1
2006052032	203 ND/MND	2006 Single family housing	37	1,800	66,600	1
2006032066	713 ND/MND	2006 Single family housing	38	1,800	68,400	1
2006102064	713 ND/MND	2006 Single family housing	38	1,800	68,400	1
2003042129	905 ND/MND	2003 Single family housing	39	1,800	70,200	1
2002012029	201 EIR	2004 Single family housing	39	1,800	70,200	1
2005072105	905 ND/MND	2005 Single family housing	39	1,800	70,200	1
2006082063	905 ND/MND	2006 Single family housing	39	1,800	70,200	1
2008032107	905 ND/MND	2008 Single family housing	39	1,800	70,200	1
2002072110	214 EIR	2003 Single family housing	40	1,800	72,000	1
2003102107	201 EIR	2006 Single family housing	40	1,800	72,000	1
2005042075	212 ND/MND	2005 Single family housing	41	1,800	73,800	1
2004092033	201 ND/MND	2004 Single family housing	41	1,800	73,800	1
2007092009	305 ND/MND	2007 Single family housing	43	1,800	77,400	1
112278	614 EIR	2002 Single family housing	43	1,800	77,400	1
2004052088	212 ND/MND	2004 Single family housing	44	1,800	79,200	1
2005092117	713 ND/MND	2005 Single family housing	44	1,800	79,200	1
2003092099	805 EIR	2004 Single family housing	45	1,800	81,000	1
2004022112	905 ND/MND	2004 Single family housing	45	1,800	81,000	1
2005022048	905 ND/MND	2005 Single family housing	46	1,800	82,800	1
222269	93 ND/MND	2002 Single family housing	47	1,800	84,600	1
2005062159	612 EIR	2005 Single family housing	47	1,800	84,600	1
2003062029	212 ND/MND	2003 Single family housing	48	1,800	86,400	1
225922	44 ND/MND	2002 Single family housing	49	1,800	88,200	1
2003072043	109 ND/MND	2003 Single family housing	49	1,800	88,200	1
2005022085	404 ND/MND	2005 Single family housing	49	1,800	88,200	1
2111271	712 EIR	2002 Single family housing	49	1,800	88,200	1
2003042156	215 ND/MND	2003 Single family housing	50	1,800	90,000	1
2004052037	905 ND/MND	2004 Single family housing	50	1,800	90,000	1
2006102087	212 ND/MND	2006 Single family housing	50	1,800	90,000	1
226295	713 EIR	2002 Single family housing	51	1,800	91,800	1
2004052114	905 ND/MND	2004 Single family housing	51	1,800	91,800	1
2006042096	608 ND/MND	2006 Single family housing	51	1,800	91,800	1
22592	23 ND/MND	2002 Single family housing	53	1,800	95,400	1
2006112010	704 ND/MND	2006 Single family housing	53	1,800	95,400	1
228261	95 ND/MND	2002 Single family housing	55	1,800	99,000	1
2004072069	713 ND/MND	2004 Single family housing	55	1,800	99,000	1
2007102131	714 EIR	2008 Single family housing	57	1,800	102,600	2
2003012070	704 EIR	2003 Single family housing	60	1,800	108,000	2
2003092020	219 EIR	2004 Single family housing	60	1,800	108,000	2
2004082119	215 ND/MND	2004 Single family housing	60	1,800	108,000	2
1032075	712 ND/MND	2003 Single family housing	61	1,800	109,800	2
2004072099	219 ND/MND	2004 Single family housing	68	1,800	122,400	2
2002122052	803 ND/MND	2003 Single family housing	69	1,800	124,200	2
2005112033	805 ND/MND	2007 Single family housing	70	1,800	126,000	2
2006012064	212 ND/MND	2006 Single family housing	71	1,800	127,800	2
2006112006	704 ND/MND	2006 Single family housing	71	1,800	127,800	2
2005012128	404 EIR	2007 Single family housing	72	1,800	129,600	2
2005042026	111 EIR	2005 Single family housing	74	1,800	133,200	2
2003069014	710 ND/MND	2003 Single family housing	75	1,800	135,000	2
2005068158	203 ND/MND	2005 Single family housing	75	1,800	135,000	2
2006122107	212 ND/MND	2006 Single family housing	75	1,800	135,000	2
2006012054	804 ND/MND	2006 Single family housing	75	1,800	135,000	2
221223	713 EIR	2002 Single family housing	78	1,800	140,400	2
2007052114	905 ND/MND	2007 Single family housing	78	1,800	140,400	2
226278	95 EIR	2002 Single family housing	82	1,800	147,600	2
1022064	206 EIR	2007 Single family housing	84	1,800	151,200	2
2005099069	203 ND/MND	2005 Single family housing	84	1,800	151,200	2
2004122070	201 ND/MND	2004 Single family housing	85	1,800	153,000	2
2004072083	212 ND/MND	2004 Single family housing	87	1,800	156,600	2
2006112031	704 ND/MND	2006 Single family housing	87	1,800	156,600	2
2006032074	201 ND/MND	2006 Single family housing	89	1,800	160,200	2
2004072046	203 ND/MND	2004 Single family housing	90	1,800	162,000	2
2004092125	402 ND/MND	2004 Single family housing	91	1,800	163,800	2
2005082083	905 ND/MND	2005 Single family housing	94	1,800	169,200	2
2003032127	905 ND/MND	2003 Single family housing	98	1,800	176,400	2
2004012013	113 EIR	2006 Single family housing	98	1,800	176,400	2
2006052184	212 ND/MND	2006 Single family housing	98	1,800	176,400	2
2004092074	620 ND/MND	2005 Single family housing	99	1,800	178,200	2
2004082117	212 ND/MND	2004 Single family housing	100	1,800	180,000	2
2004062020	215 ND/MND	2004 Single family housing	100	1,800	180,000	2
1997107675	401 ND/MND	2005 Single family housing	100	1,800	180,000	2
2007032027	102 EIR	2007 Single family housing	104	1,800	187,200	2
2004102025	713 ND/MND	2004 Single family housing	105	1,800	189,000	2
2006052040	203 ND/MND	2006 Single family housing	106	1,800	190,800	2
2004122126	905 EIR	2005 Single family housing	108	1,800	194,400	2
2003072093	714 EIR	2007 Single family housing	110	1,800	198,000	2
2003092038	713 EIR	2003 Single family housing	112	1,800	201,600	3
213293	111 EIR	2002 Single family housing	115	1,800	207,000	3
215297	617 EIR	2002 Single family housing	115	1,800	207,000	3
2006032127	212 ND/MND	2006 Single family housing	116	1,800	208,800	3
2004122128	203 ND/MND	2004 Single family housing	116	1,800	208,800	3
2212223	713 ND/MND	2002 Single family housing	118	1,800	212,400	3
2005012073	704 ND/MND	2005 Single family housing	118	1,800	212,400	3
229176	115 ND/MND	2002 Single family housing	119	1,800	214,200	3
2000012110	217 EIR	2007 Single family housing	120	1,800	216,000	3
2006059025	203 ND/MND	2006 Single family housing	122	1,800	219,600	3
2005042134	109 EIR	2006 Single family housing	123	1,800	221,400	3
2005072109	215 ND/MND	2005 Single family housing	123	1,800	221,400	3
1992083074	211 EIR	2007 Single family housing	123	1,800	221,400	3
2007059022	211 ND/MND	2007 Single family housing	123	1,800	221,400	3
2006012031	108 ND/MND	2006 Single family housing	126	1,800	226,800	3
22721	713 EIR	2002 Single family housing	128	1,800	230,400	3
2003042035	905 EIR	2004 Single family housing	129	1,800	232,200	3
2007112021	202 ND/MND	2007 Single family housing	136	1,800	244,800	3
2004022099	704 ND/MND	2004 Single family housing	137	1,800	246,600	3
2007092019	905 ND/MND	2007 Single family housing	137	1,800	246,600	3
2002092016	905 EIR	2004 Single family housing	138	1,800	248,400	3
2005092027	108 ND/MND	2005 Single family housing	139	1,800	250,200	3
2000052109	604 EIR	2004 Single family housing	148	1,800	266,400	3
2006022061	108 ND/MND	2006 Single family housing	150	1,800	270,000	3
2003062019	203 EIR	2004 Single family housing	150	1,800	270,000	3
2005072103	109 ND/MND	2005 Single family housing	155	1,800	279,000	3
2004082100	805 EIR	2005 Single family housing	156	1,800	280,800	3

2005032021	203 ND/MND	2006 Single family housing	166	1,800	298,800	3
2000012080	501 EIR	2003 Single family housing	168	1,800	302,400	3
2005032082	903 ND/MND	2005 Single family housing	170	1,800	306,000	3
2004012083	212 ND/MND	2004 Single family housing	171	1,800	307,800	3
2005092074	212 ND/MND	2005 Single family housing	176	1,800	316,800	3
2005062031	108 ND/MND	2005 Single family housing	179	1,800	322,200	3
2003062051	404 ND/MND	2003 Single family housing	180	1,800	324,000	3
2002022035	217 EIR	2003 Single family housing	180	1,800	324,000	3
2003112011	904 EIR	2006 Single family housing	195	1,800	351,000	3
2004122013	215 EIR	2007 Single family housing	195	1,800	351,000	3
2005062036	908 ND/MND	2005 Single family housing	201	1,800	361,800	3
2006032042	713 EIR	2007 Single family housing	208	1,800	374,400	3
2112267	713 EIR	2002 Single family housing	213	1,800	383,400	3
2007102060	805 ND/MND	2007 Single family housing	214	1,800	385,200	3
2212912	83 EIR	2002 Single family housing	217	1,800	390,600	3
2005012125	115 ND/MND	2005 Single family housing	220	1,800	396,000	3
2003072118	201 ND/MND	2003 Single family housing	220	1,800	396,000	3
2000042011	203 ND/MND	2003 Single family housing	220	1,800	396,000	3
2006082042	905 EIR	2007 Single family housing	243	1,800	437,400	4
2001102073	206 ND/MND	2001 Single family housing	245	1,800	441,000	4
1991103062	213 EIR	2004 family housing	245	1,800	441,000	4
2003082103	712 EIR	2005 Single family housing	250	1,800	450,000	4
2005022089	716 EIR	2005 Single family housing	251	1,800	451,800	4
2007012098	704 ND/MND	2007 Single family housing	251	1,800	451,800	4
2004112108	712 EIR	2006 Single family housing	266	1,800	478,800	4
2007022106	708 EIR	2007 Single family housing	285	1,800	513,000	4
2002102143	714 EIR	2003 Single family housing	288	1,800	518,400	4
2005112006	906 EIR	2007 Single family housing	300	1,800	540,000	4
2007102015	713 EIR	2008 Single family housing	300	1,800	540,000	4
2004012135	203 ND/MND	2004 Single family housing	311	1,800	559,800	4
2001022016	215 EIR	2003 Single family housing	319	1,800	574,200	4
2002062017	713 EIR	2003 Single family housing	325	1,800	585,000	4
2003122014	904 EIR	2006 Single family housing	343	1,800	617,400	5
2003082113	212 ND/MND	2003 Single family housing	354	1,800	637,200	5
2004039048	202 ND/MND	2004 Single family housing	369	1,800	664,200	5
2007019007	201 ND/MND	2007 Single family housing	370	1,800	666,000	5
2005012037	801 EIR	2008 Single family housing	370	1,800	666,000	5
227239	215 ND/MND	2002 Single family housing	386	1,800	694,800	5
2007092025	803 EIR	2008 Single family housing	394	1,800	709,200	5
2004062119	212 EIR	2004 Single family housing	396	1,800	712,800	5
2005124003	801 ND/MND	2005 Single family housing	403	1,800	725,400	5
2004112092	215 EIR	2005 Single family housing	415	1,800	747,000	5
2007042068	716 EIR	2008 Single family housing	430	1,800	774,000	5
2005022140	201 ND/MND	2005 Single family housing	432	1,800	777,600	5
2004122037	803 EIR	2005 Single family housing	436	1,800	784,800	5
2003122024	805 EIR	2004 Single family housing	445	1,800	801,000	6
2003022085	905 EIR	2003 Single family housing	462	1,800	831,600	6
2003102062	203 EIR	2004 Single family housing	471	1,800	847,800	6
2003122002	714 EIR	2008 Single family housing	490	1,800	882,000	6
2005012077	203 EIR	2005 Single family housing	494	1,800	889,200	6
2005102007	713 EIR	2008 Single family housing	500	1,800	900,000	6
2003032055	404 EIR	2006 Single family housing	500	1,800	900,000	6
2003032051	203 EIR	2003 Single family housing	509	1,800	916,200	6
2007012075	212 EIR	2007 Single family housing	510	1,800	918,000	6
2005042021	711 EIR	2007 Single family housing	530	1,800	954,000	6
2004012097	215 EIR	2004 Single family housing	537	1,800	966,600	6
2001122073	212 EIR	2003 Single family housing	541	1,800	973,800	6
1998072090	202 EIR	2006 Single family housing	600	1,800	1,080,000	7
22724	215 ND/MND	2002 Single family housing	779	1,800	1,402,200	7
1996013003	201 EIR	2005 Single family housing	796	1,800	1,432,800	7
1997525	83 ND/MND	2002 Single family housing	828	1,800	1,490,400	7
2001112105	803 ND/MND	2001 Single family housing	919	1,800	1,654,200	7
1995103035	111 EIR	2007 Single family housing	960	1,800	1,728,000	7
2005062160	713 EIR	2007 Single family housing	969	1,800	1,744,200	7
2004049019	402 ND/MND	2004 Single family housing	1000	1,800	1,800,000	7
2005062010	105 EIR	2005 Single family housing	1043	1,800	1,877,400	7
2004042088	905 EIR	2005 Single family housing	1085	1,800	1,953,000	7
2000052073	805 EIR	2005 Single family housing	1090	1,800	1,962,000	7
2007062068	713 EIR	2007 Single family housing	1287	1,800	2,316,600	8
1990030530	612 ND/MND	2004 Single family housing	1312	1,800	2,361,600	8
2005102090	212 EIR	2006 Single family housing	1350	1,800	2,430,000	8
2006042111	713 EIR	2006 Single family housing	1364	1,800	2,455,200	8
1122013	201 EIR	2001 Single family housing	1387	1,800	2,496,600	8
2004062031	905 EIR	2006 Single family housing	1399	1,800	2,518,200	8
225271	713 EIR	2002 Single family housing	1475	1,800	2,655,000	8
2003012046	713 EIR	2003 Single family housing	1500	1,800	2,700,000	8
2003042018	704 EIR	2005 Single family housing	1643	1,800	2,957,400	8
1988110816	716 EIR	2003 Single family housing	1670	1,800	3,006,000	8
2005092067	115 ND/MND	2005 Single family housing	1788	1,800	3,218,400	8
2004032064	803 EIR	2005 Single family housing	2400	1,800	4,320,000	8
2005042070	713 EIR	2007 Single family housing	2818	1,800	5,072,400	8
2006052102	114 EIR	2007 Single family housing	2841	1,800	5,113,800	8
2004072110	713 EIR	2005 Single family housing	2930	1,800	5,274,000	8
2001122004	202 EIR	2003 Single family housing	5000	1,800	9,000,000	8
2003042127	713 EIR	2005 Single family housing	10000	1,800	18,000,000	8
2005062017	713 EIR	2007 Single family housing	25000	1,800	45,000,000	8
2003072002	905 ND/MND	2003 Apartments low rise	15	850	12,750	0
2004072011	612 EIR	2004 Apartments low rise	16	850	13,600	0
2006092125	907 EIR	2007 Apartments low rise	23	850	19,550	0
2007032021	306 ND/MND	2007 Apartments low rise	21	850	17,850	0
2002012107	907 EIR	2003 Apartments low rise	10	850	8,500	0
2112126	311 ND/MND	2002 Apartments low rise	2	850	1,700	0
225218	311 ND/MND	2002 Apartments low rise	2	850	1,700	0
22424	41 ND/MND	2002 Apartments low rise	6	850	5,100	0
22122116	68 ND/MND	2002 Apartments low rise	3	850	2,550	0
218218	91 ND/MND	2002 Apartments low rise	2	850	1,700	0
2003102004	207 ND/MND	2003 Apartments low rise	12	850	10,200	0
2003012002	309 ND/MND	2003 Apartments low rise	13	850	11,050	0
2001112086	619 EIR	2004 Apartments low rise	12	850	10,200	0
2004022110	108 ND/MND	2004 Apartments low rise	6	850	5,100	0
2005042139	107 ND/MND	2005 Apartments low rise	16	850	13,600	0
2005032014	302 ND/MND	2005 Apartments low rise	10	850	8,500	0
2005072073	309 ND/MND	2005 Apartments low rise	8	850	6,800	0
2005062053	905 ND/MND	2005 Apartments low rise	14	850	11,900	0
2006042134	904 ND/MND	2006 Apartments low rise	24	850	20,400	0
2007072086	902 ND/MND	2007 Apartments low rise	8	850	6,800	0
2006112145	603 ND/MND	2008 Apartments low rise	9	850	7,650	0
2005052021	905 ND/MND	2005 Apartments low rise	7	850	5,950	0
2005012094	905 ND/MND	2005 Apartments low rise	6	850	5,100	0
2006062021	306 EIR	2007 Apartments low rise	22	850	18,700	0
2007102067	905 ND/MND	2007 Apartments low rise	10	850	8,500	0
224227	95 ND/MND	2002 Apartments low rise	16	850	13,600	0
2004032047	614 EIR	2005 Apartments low rise	10	850	8,500	0
2005032031	614 ND/MND	2005 Apartments low rise	5	850	4,250	0

2005042134	109 EIR	2006 Apartments low rise	24	850	20,400	0
2006032108	306 ND/MND	2007 Apartments low rise	6	850	5,100	0
226295	713 EIR	2002 Apartments low rise	6	850	5,100	0
2252118	35 ND/MND	2002 Apartments low rise	24	850	20,400	0
2003022012	905 ND/MND	2003 Apartments low rise	4	850	3,400	0
2003022039	905 ND/MND	2003 Apartments low rise	2	850	1,700	0
2004052114	905 ND/MND	2004 Apartments low rise	17	850	14,450	0
2004122024	714 ND/MND	2005 Apartments low rise	19	850	16,150	0
2005022048	905 ND/MND	2005 Apartments low rise	4	850	3,400	0
2006052045	406 ND/MND	2006 Apartments low rise	4	850	3,400	0
1022064	206 EIR	2007 Apartments low rise	12	850	10,200	0
2006102052	405 ND/MND	2007 Apartments low rise	10	850	8,500	0
2006112057	907 EIR	2008 Apartments low rise	6	850	5,100	0
2005072009	804 ND/MND	2005 Apartments low rise	10	850	8,500	0
2007082159	906 ND/MND	2007 Apartments low rise	36	850	30,600	0
2004102008	501 EIR	2005 Apartments low rise	30	850	25,500	0
2003062055	301 ND/MND	2003 Apartments low rise	50	850	42,500	0
2003082066	705 ND/MND	2003 Apartments low rise	56	850	47,600	0
2004122093	206 ND/MND	2004 Apartments low rise	55	850	46,750	0
2005042151	705 ND/MND	2005 Apartments low rise	56	850	47,600	0
2005092090	714 EIR	2006 Apartments low rise	56	850	47,600	0
2007032020	105 ND/MND	2007 Apartments low rise	33	850	28,050	0
2007112083	905 ND/MND	2007 Apartments low rise	56	850	47,600	0
2008022060	905 ND/MND	2008 Apartments low rise	32	850	27,200	0
2006072001	207 ND/MND	2006 Apartments low rise	58	850	49,300	0
2002102054	104 EIR	2008 Apartments low rise	44	850	37,400	0
2008062067	617 ND/MND	2008 Apartments low rise	48	850	40,800	0
2005012125	115 ND/MND	2005 Apartments low rise	32	850	27,200	0
2004122126	905 EIR	2005 Apartments low rise	49	850	41,650	0
225214	28 ND/MND	2002 Apartments low rise	78	850	66,300	1
2002022008	901 ND/MND	2002 Apartments low rise	80	850	68,000	1
2004102042	101 EIR	2004 Apartments low rise	83	850	70,550	1
2004072070	905 ND/MND	2004 Apartments low rise	70	850	59,500	1
2006062109	905 ND/MND	2006 Apartments low rise	84	850	71,400	1
2007109015	619 ND/MND	2007 Apartments low rise	60	850	51,000	1
2007122036	908 ND/MND	2007 Apartments low rise	65	850	55,250	1
2007012109	501 EIR	2008 Apartments low rise	85	850	72,250	1
2004029040	303 ND/MND	2004 Apartments low rise	79	850	67,150	1
2005012014	310 EIR	2007 Apartments low rise	84	850	71,400	1
2003032127	905 ND/MND	2003 Apartments low rise	66	850	56,100	1
2002102110	712 EIR	2003 Apartments low rise	90	850	76,500	1
2005122091	804 ND/MND	2006 Apartments low rise	94	850	79,900	1
2006052105	905 ND/MND	2006 Apartments low rise	95	850	80,750	1
2001122073	212 EIR	2003 Apartments low rise	96	850	81,600	1
2003052042	101 EIR	2004 Apartments low rise	100	850	85,000	1
2212946	37 ND/MND	2002 Apartments low rise	128	850	108,800	2
2003122069	905 ND/MND	2004 Apartments low rise	128	850	108,800	2
2006052185	905 ND/MND	2006 Apartments low rise	126	850	107,100	2
2003062051	404 ND/MND	2003 Apartments low rise	124	850	105,400	2
2005032082	903 ND/MND	2005 Apartments low rise	144	850	122,400	2
2005112050	307 ND/MND	2005 Apartments low rise	125	850	106,250	2
2001022050	305 ND/MND	2004 Apartments low rise	126	850	107,100	2
2004072085	905 ND/MND	2004 Apartments low rise	162	850	137,700	2
2007112090	111 ND/MND	2007 Apartments low rise	164	850	139,400	2
2004122136	218 ND/MND	2004 Apartments low rise	200	850	170,000	2
2003032004	901 ND/MND	2003 Apartments low rise	232	850	197,200	2
2007052051	115 ND/MND	2007 Apartments low rise	212	850	180,200	2
2005052146	105 EIR	2006 Apartments low rise	291	850	247,350	3
2007012025	109 ND/MND	2007 Apartments low rise	510	850	433,500	4
2003112011	904 EIR	2006 Apartments low rise	472	850	401,200	4
2007042022	219 EIR	2007 Apartments low rise	487	850	413,950	4
2006052102	114 EIR	2007 Apartments low rise	590	850	501,500	4
2003122087	219 EIR	2006 Apartments low rise	735	850	624,750	5
2002102087	101 EIR	2003 Apartments low rise	850	850	722,500	5
2004062064	219 EIR	2006 Apartments low rise	830	850	705,500	5
2003062019	203 EIR	2004 Apartments low rise	1100	850	935,000	6
2003122014	904 EIR	2006 Apartments low rise	1267	850	1,076,950	7
2004062013	111 EIR	2006 Apartments low rise	3100	850	2,635,000	8
2004092011	212 EIR	2008 Apartments low rise	5609	850	4,767,650	8
2005122122	905 ND/MND	2006 Apartments mid rise	195	850	165,750	2
2002052143	905 EIR	2005 Apartments mid rise	266	850	226,100	3
2004092101	217 EIR	2006 Apartments mid rise	330	850	280,500	3
2004092009	201 EIR	2007 Apartments mid rise	450	850	382,500	3
2005062075	617 ND/MND	2005 Apartments mid rise	202	850	171,700	2
2004032021	207 EIR	2005 Apartments mid rise	97	850	82,450	1
2003122009	108 EIR	2004 Apartments mid rise	475	850	403,750	4
2003112102	708 EIR	2005 Apartments mid rise	683	850	580,550	4
2005112128	111 EIR	2007 Apartments mid rise	810	850	688,500	5
2003092106	208 ND/MND	2003 Apartments mid rise	148	850	125,800	2
2003102058	620 ND/MND	2003 Apartments mid rise	370	850	314,500	3
2004062054	612 EIR	2006 Apartments mid rise	135	850	114,750	2
2007102129	501 ND/MND	2007 Apartments mid rise	56	850	47,600	0
2006042067	501 EIR	2006 Apartments mid rise	135	850	114,750	2
1112021	712 EIR	2003 Apartments mid rise	302	850	256,700	3
2004082131	708 EIR	2004 Apartments mid rise	110	850	93,500	1
216241	713 EIR	2002 Apartments mid rise	675	850	573,750	4
2002122124	202 EIR	2003 Apartments mid rise	240	850	204,000	3
2007072019	107 ND/MND	2007 Apartments mid rise	158	850	134,300	2
199632128	111 EIR	2002 Apartments mid rise	3	850	2,550	0
19927312	619 EIR	2002 Apartments mid rise	144	850	122,400	2
2211262	216 ND/MND	2002 Apartments mid rise	163	850	138,550	2
2002012089	107 EIR	2003 Apartments mid rise	191	850	162,350	2
2002072047	108 EIR	2003 Apartments mid rise	800	850	680,000	5
2003022044	217 EIR	2003 Apartments mid rise	64	850	54,400	1
2003102152	714 ND/MND	2003 Apartments mid rise	306	850	260,100	3
2002122041	803 ND/MND	2003 Apartments mid rise	200	850	170,000	2
1997072039	104 EIR	2004 Apartments mid rise	1129	850	959,650	6
1042052	111 EIR	2004 Apartments mid rise	477	850	405,450	4
2003102024	501 EIR	2004 Apartments mid rise	88	850	74,800	1
2001112025	906 EIR	2004 Apartments mid rise	115	850	97,750	1
2004052024	108 ND/MND	2004 Apartments mid rise	57	850	48,450	0
2004052039	713 ND/MND	2004 Apartments mid rise	218	850	185,300	2
2004092076	801 ND/MND	2004 Apartments mid rise	400	850	340,000	3
2005102068	108 ND/MND	2005 Apartments mid rise	628	850	533,800	4
2005112109	701 ND/MND	2005 Apartments mid rise	600	850	510,000	4
2005082134	711 ND/MND	2005 Apartments mid rise	106	850	90,100	1
2005092079	104 EIR	2006 Apartments mid rise	173	850	147,050	2
2005092069	115 EIR	2006 Apartments mid rise	438	850	372,300	3
1991073029	215 EIR	2006 Apartments mid rise	330	850	280,500	3
2006012107	108 ND/MND	2006 Apartments mid rise	78	850	66,300	1
2006079024	218 ND/MND	2006 Apartments mid rise	144	850	122,400	2
2006082001	402 ND/MND	2006 Apartments mid rise	1718	850	1,460,300	7
2006072097	710 ND/MND	2006 Apartments mid rise	229	850	194,650	2
2006052025	711 ND/MND	2006 Apartments mid rise	170	850	144,500	2

2007052028	109 ND/MND	2007 Apartments mid rise	495	850	420,750	4
2006122009	619 ND/MND	2007 Apartments mid rise	76	850	64,600	1
2006062054	708 ND/MND	2007 Apartments mid rise	369	850	313,650	3
2007062045	714 ND/MND	2007 Apartments mid rise	18	850	15,300	0
2006022075	111 EIR	2008 Apartments mid rise	624	850	530,400	4
2003042029	703 ND/MND	2003 Apartments mid rise	237	850	201,450	3
2004112037	501 EIR	2008 Apartments mid rise	408	850	346,800	3
1122098	704 ND/MND	2000 Apartments mid rise	222	850	188,700	2
2252127	111 ND/MND	2002 Apartments mid rise	168	850	142,800	2
2004032052	111 EIR	2004 Apartments mid rise	475	850	403,750	4
2003072110	616 EIR	2004 Apartments mid rise	600	850	510,000	4
2004012110	111 EIR	2005 Apartments mid rise	1570	850	1,334,500	7
2005092115	106 ND/MND	2005 Apartments mid rise	58	850	49,300	0
2005012034	107 ND/MND	2005 Apartments mid rise	110	850	93,500	1
2007122028	111 ND/MND	2007 Apartments mid rise	28	850	23,800	0
2007072111	104 EIR	2008 Apartments mid rise	94	850	79,900	1
2007092005	106 EIR	2008 Apartments mid rise	101	850	85,850	1
2007122089	111 EIR	2008 Apartments mid rise	120	850	102,000	2
2008032002	619 ND/MND	2008 Apartments mid rise	68	850	57,800	1
2008052021	905 ND/MND	2008 Apartments mid rise	52	850	44,200	0
2007072026	501 EIR	2008 Apartments mid rise	62	850	52,700	1
2003102103	402 ND/MND	2003 Apartments mid rise	216	850	183,600	2
2005092123	619 ND/MND	2005 Apartments mid rise	190	850	161,500	2
2007012023	609 EIR	2007 Apartments mid rise	730	850	620,500	5
2008032042	216 EIR	2008 Apartments mid rise	300	850	255,000	3
2003102062	203 EIR	2004 Apartments mid rise	108	850	91,800	1
1998072090	202 EIR	2006 Apartments mid rise	100	850	85,000	1
2005062010	105 EIR	2005 Apartments mid rise	2863	850	2,433,550	8
1997525	83 ND/MND	2002 Apartments mid rise	286	850	243,100	3
2005092067	115 ND/MND	2005 Apartments mid rise	1302	850	1,106,700	7
2007022106	708 EIR	2007 Apartments mid rise	374	850	317,900	3
2003072093	714 EIR	2007 Apartments mid rise	165	850	140,250	2
2007102131	714 EIR	2008 Apartments mid rise	233	850	198,050	2
2000052070	111 EIR	2004 Apartments mid rise	1050	850	892,500	6
2002052062	501 EIR	2003 Apartments mid rise	320	850	272,000	3
2005039003	219 ND/MND	2005 Apartments mid rise	105	850	89,250	1
2004079062	105 ND/MND	2004 Apartments mid rise	221	850	187,850	2
1997082077	620 EIR	2005 Apartments high rise	22	850	18,700	0
2008022100	501 EIR	2008 Apartments high rise	69	850	58,650	1
27291	111 EIR	2002 Apartments high rise	94	850	79,900	1
2007122020	501 ND/MND	2008 Apartments high rise	107	850	90,950	1
2005032024	501 EIR	2006 Apartments high rise	142	850	120,700	2
2005082053	212 ND/MND	2005 Apartments high rise	149	850	126,650	2
2004062091	106 ND/MND	2004 Apartments high rise	224	850	190,400	2
2001102102	501 EIR	2003 Apartments high rise	230	850	195,500	2
2002112048	501 EIR	2003 Apartments high rise	290	850	246,500	3
2003082064	501 EIR	2004 Apartments high rise	250	850	212,500	3
2006032020	212 ND/MND	2006 Apartments high rise	250	850	212,500	3
218284	51 EIR	2002 Apartments high rise	289	850	245,650	3
2005062084	501 EIR	2007 Apartments high rise	450	850	382,500	3
1994043014	111 EIR	2003 Apartments high rise	480	850	408,000	4
2004012097	215 EIR	2004 Apartments high rise	563	850	478,550	4
2007112086	501 EIR	2008 Apartments high rise	800	850	680,000	5
1042051	104 EIR	2005 Apartments high rise	900	850	765,000	5
2000052070	111 EIR	2004 Apartments high rise	1,000	850	850,000	6
2003042170	619 EIR	2005 Apartments high rise	1,500	850	1,275,000	7
2005092046	704 ND/MND	2005 Apartments high rise	1,576	850	1,339,600	7
2003072016	501 EIR	2006 Apartments high rise	1,900	850	1,615,000	7
2004032047	614 EIR	2005 Condo/townhouse general	84	850	71,400	1
2004022036	713 EIR	2004 Condo/townhouse general	400	850	340,000	3
2006102106	201 ND/MND	2006 Condo/townhouse general	370	850	314,500	3
2006122084	616 EIR	2008 Condo/townhouse general	158	850	134,300	2
2005022133	908 ND/MND	2005 Condo/townhouse general	15	850	12,750	0
2004052026	217 ND/MND	2004 Condo/townhouse general	133	850	113,050	2
2004102026	908 ND/MND	2004 Condo/townhouse general	66	850	56,100	1
2005052061	903 EIR	2007 Condo/townhouse general	227	850	192,950	2
2007062074	708 EIR	2008 Condo/townhouse general	375	850	318,750	3
24217	17 EIR	2002 Condo/townhouse general	1	850	850	0
227282	17 ND/MND	2002 Condo/townhouse general	13	850	11,050	0
2003022067	107 ND/MND	2003 Condo/townhouse general	20	850	17,000	0
2003112007	107 ND/MND	2003 Condo/townhouse general	25	850	21,250	0
2003102063	501 ND/MND	2003 Condo/townhouse general	69	850	58,650	1
2000082020	603 ND/MND	2003 Condo/townhouse general	52	850	44,200	0
2003042158	619 ND/MND	2003 Condo/townhouse general	6	850	5,100	0
2003052095	711 ND/MND	2003 Condo/townhouse general	10	850	8,500	0
2003062117	501 EIR	2004 Condo/townhouse general	18	850	15,300	0
2004012105	713 EIR	2004 Condo/townhouse general	313	850	266,050	3
2004052063	101 ND/MND	2004 Condo/townhouse general	20	850	17,000	0
2004079063	105 ND/MND	2004 Condo/townhouse general	56	850	47,600	0
2004072053	203 ND/MND	2004 Condo/townhouse general	0	850	-	0
2004062001	402 ND/MND	2004 Condo/townhouse general	9	850	7,650	0
2004022141	711 ND/MND	2004 Condo/townhouse general	46	850	39,100	0
2005052108	217 EIR	2005 Condo/townhouse general	269	850	228,650	3
2004062040	501 EIR	2005 Condo/townhouse general	720	850	612,000	5
2004122016	619 EIR	2005 Condo/townhouse general	21	850	17,850	0
2005062055	114 ND/MND	2005 Condo/townhouse general	9	850	7,650	0
2005122011	205 ND/MND	2005 Condo/townhouse general	332	850	282,200	3
2005022033	217 ND/MND	2005 Condo/townhouse general	213	850	181,050	2
2005102093	217 ND/MND	2005 Condo/townhouse general	64	850	54,400	1
2005102111	402 ND/MND	2005 Condo/townhouse general	164	850	139,400	2
2005032035	404 ND/MND	2005 Condo/townhouse general	26	850	22,100	0
2003092052	604 ND/MND	2005 Condo/townhouse general	30	850	25,500	0
2004062034	608 ND/MND	2005 Condo/townhouse general	30	850	25,500	0
2005112104	711 ND/MND	2005 Condo/townhouse general	151	850	128,350	2
2006012055	310 EIR	2006 Condo/townhouse general	36	850	30,600	0
2006012057	501 EIR	2006 Condo/townhouse general	74	850	62,900	1
2006012093	608 EIR	2006 Condo/townhouse general	55	850	46,750	0
2006082134	111 ND/MND	2006 Condo/townhouse general	104	850	88,400	1
2006012061	113 ND/MND	2006 Condo/townhouse general	46	850	39,100	0
2006032110	201 ND/MND	2006 Condo/townhouse general	30	850	25,500	0
2006082002	201 ND/MND	2006 Condo/townhouse general	32	850	27,200	0
2006022019	207 ND/MND	2006 Condo/townhouse general	14	850	11,900	0
2006128056	217 ND/MND	2006 Condo/townhouse general	4	850	3,400	0
2006082024	614 ND/MND	2006 Condo/townhouse general	9	850	7,650	0
2006122062	614 ND/MND	2006 Condo/townhouse general	7	850	5,950	0
2006012029	617 ND/MND	2006 Condo/townhouse general	16	850	13,600	0
2006082061	705 ND/MND	2006 Condo/townhouse general	78	850	66,300	1
2006092082	711 ND/MND	2006 Condo/townhouse general	144	850	122,400	2
2006072066	310 EIR	2007 Condo/townhouse general	15	850	12,750	0
2006072021	501 EIR	2007 Condo/townhouse general	27	850	22,950	0
2007032066	107 ND/MND	2007 Condo/townhouse general	48	850	40,800	0
2007042134	218 ND/MND	2007 Condo/townhouse general	282	850	239,700	3
2007052044	603 ND/MND	2007 Condo/townhouse general	20	850	17,000	0
2006102110	616 ND/MND	2007 Condo/townhouse general	43	850	36,550	0

2005042032	605 ND/MND	2008 Condo/townhouse general	16	850	13,600	0
2008032007	605 ND/MND	2008 Condo/townhouse general	9	850	7,650	0
2008028103	708 ND/MND	2008 Condo/townhouse general	387	850	328,950	3
2008032006	714 ND/MND	2008 Condo/townhouse general	60	850	51,000	1
2005022057	713 EIR	2005 Condo/townhouse general	969	850	823,650	6
2003092015	607 EIR	2004 Condo/townhouse general	95	850	80,750	1
228914	217 EIR	2002 Condo/townhouse general	231	850	196,350	2
2232148	613 ND/MND	2002 Condo/townhouse general	15	850	12,750	0
2003062087	908 ND/MND	2003 Condo/townhouse general	53	850	45,050	0
2005072047	101 EIR	2005 Condo/townhouse general	99	850	84,150	1
2006028436	105 ND/MND	2006 Condo/townhouse general	300	850	255,000	3
2005122006	106 EIR	2007 Condo/townhouse general	340	850	289,000	3
2007082157	106 ND/MND	2007 Condo/townhouse general	94	850	79,900	1
2006122037	218 ND/MND	2007 Condo/townhouse general	31	850	26,350	0
2000052070	111 EIR	2004 Condo/townhouse general	270	850	229,500	3
2005062075	617 ND/MND	2005 Condo/townhouse general	22	850	18,700	0
2007122078	212 ND/MND	2007 Condo/townhouse general	47	850	39,950	0
2000052109	604 EIR	2004 Condo/townhouse general	21	850	17,850	0
2005052030	907 ND/MND	2005 Condo/townhouse general	8	850	6,800	0
229176	115 ND/MND	2002 Condo/townhouse general	218	850	185,300	2
2005042026	111 EIR	2005 Condo/townhouse general	292	850	248,200	3
2005092027	108 ND/MND	2005 Condo/townhouse general	122	850	103,700	2
2005052026	213 EIR	2007 Condo/townhouse general	44	850	37,400	0
2004079062	105 ND/MND	2004 Condo/townhouse general	12	850	10,200	0
2006012003	207 ND/MND	2006 Condo/townhouse general	31	850	26,350	0
2002022076	616 EIR	2003 Condo/townhouse high rise	1930	850	1,640,500	7
2006072101	501 EIR	2007 Condo/townhouse high rise	179	850	152,150	2
2008022102	705 EIR	2008 Congregate care (Assisted Living) Facility	181	850	153,850	2
17217	63 ND/MND	2002 Congregate care (Assisted Living) Facility	24	850	20,400	0
22112121	71 ND/MND	2002 Congregate care (Assisted Living) Facility	2	850	1,700	0
2006102061	201 ND/MND	2006 Congregate care (Assisted Living) Facility	15	850	12,750	0
2004112108	712 EIR	2006 Congregate care (Assisted Living) Facility	180	850	153,000	2
1995063038	301 EIR	2005 Congregate care (Assisted Living) Facility	150	850	127,500	2
22122113	18 ND/MND	2002 Retirement community	2	850	1,700	0
2002122067	619 ND/MND	2003 Retirement community	61	850	51,850	1
2004092079	603 ND/MND	2004 Retirement community	55	850	46,750	0
2006112153	905 EIR	2008 Retirement community	158	850	134,300	2
2004102008	501 EIR	2005 Retirement community	120	850	102,000	2
2004072046	203 ND/MND	2004 Retirement community	120	850	102,000	2
2007092009	305 ND/MND	2007 Retirement community	36	850	30,600	0
2005078352	212 ND/MND	2005 Mobile home park	10	850	8,500	0
2006022018	605 ND/MND	2007 Mobile home park	1	850	850	0
2003012007	404 ND/MND	2003 Day-care center	10	1000	10,000	0
2004042056	101 ND/MND	2004 Day-care center	1	1000	1,000	0
2004069002	205 ND/MND	2004 Day-care center	1	1000	1,000	0
2005042086	104 ND/MND	2005 Day-care center	11	1000	11,000	0
2002112048	501 EIR	2003 Day-care center	3.5	1000	3,500	0
2004032021	207 EIR	2005 Day-care center	5	1000	5,000	0
2004052080	107 ND/MND	2005 Day-care center	18	1000	18,000	0
215285	62 EIR	2002 Day-care center	8	1000	8,000	0
2006022075	111 EIR	2008 Day-care center	5	1000	5,000	0
2006072101	501 EIR	2007 Day-care center	2.4	1000	2,400	0
2004112108	712 EIR	2006 Day-care center	17	1000	17,000	0
22322	51 ND/MND	2002 Elementary school (units in sqft)	62.1	1000	62,100	1
225265	51 ND/MND	2002 Elementary school (units in sqft)	56.4	1000	56,400	1
2211215	83 ND/MND	2002 Elementary school (units in sqft)	19.1	1000	19,100	0
221223	91 ND/MND	2002 Elementary school (units in sqft)	46	1000	46,000	0
2002032121	201 ND/MND	2003 Elementary school (units in sqft)	4.8	1000	4,800	0
2003062005	310 ND/MND	2003 Elementary school (units in sqft)	8.1	1000	8,100	0
2004112048	310 ND/MND	2004 Elementary school (units in sqft)	48	1000	48,000	0
2005062058	212 ND/MND	2005 Elementary school (units in sqft)	50	1000	50,000	1
2005032040	301 ND/MND	2005 Elementary school (units in sqft)	5.6	1000	5,600	0
2005052139	405 ND/MND	2006 Elementary school (units in sqft)	14	1000	14,000	0
2006032112	907 ND/MND	2006 Elementary school (units in sqft)	4.3	1000	4,300	0
2006092045	901 EIR	2007 Elementary school (units in sqft)	31	1000	31,000	0
2007022063	501 ND/MND	2007 Elementary school (units in sqft)	44.8	1000	44,800	0
2007052126	803 ND/MND	2007 Elementary school (units in sqft)	25	1000	25,000	0
2007102023	803 ND/MND	2007 Elementary school (units in sqft)	27.2	1000	27,200	0
2008042124	105 ND/MND	2008 Elementary school (units in sqft)	10	1000	10,000	0
2004062119	212 EIR	2004 Elementary school (units in sqft)	27.2	1000	27,200	0
2001082082	111 EIR	2001 Elementary school (units in students)	500	71	35,500	0
211259	111 EIR	2002 Elementary school (units in students)	8	71	568	0
12257	621 EIR	2002 Elementary school (units in students)	29	71	2,059	0
219229	111 ND/MND	2002 Elementary school (units in students)	38	71	2,698	0
2003032123	114 EIR	2003 Elementary school (units in students)	550	71	39,050	0
2003092031	704 ND/MND	2003 Elementary school (units in students)	600	71	42,600	0
2002122006	713 ND/MND	2003 Elementary school (units in students)	650	71	46,150	0
2003102119	713 ND/MND	2003 Elementary school (units in students)	450	71	31,950	0
1102073	714 ND/MND	2003 Elementary school (units in students)	900	71	63,900	1
2004062121	101 ND/MND	2004 Elementary school (units in students)	600	71	42,600	0
2004012125	202 ND/MND	2004 Elementary school (units in students)	180	71	12,780	0
2004022023	307 ND/MND	2004 Elementary school (units in students)	370	71	26,270	0
2005082002	202 ND/MND	2005 Elementary school (units in students)	660	71	46,860	0
2005112031	801 ND/MND	2005 Elementary school (units in students)	120	71	8,520	0
2006032107	215 EIR	2006 Elementary school (units in students)	680	71	48,280	0
2006072074	201 ND/MND	2006 Elementary school (units in students)	700	71	49,700	0
2006082124	212 ND/MND	2006 Elementary school (units in students)	600	71	42,600	0
2007122054	612 EIR	2008 Elementary school (units in students)	309	71	21,939	0
2006122084	616 EIR	2008 Elementary school (units in students)	450	71	31,950	0
2006102116	215 EIR	2006 Elementary school (units in students)	700	71	49,700	0
2005012077	203 EIR	2005 Elementary school (units in students)	600	71	42,600	0
2004032064	803 EIR	2005 Elementary school (units in students)	600	71	42,600	0
2001102101	203 ND/MND	2001 Junior high school (units in sqft)	110	1000	110,000	2
2005052137	801 ND/MND	2005 Junior high school (units in sqft)	81.7	1000	81,700	1
1998031039	501 EIR	2007 Junior high school (units in sqft)	167.7	1000	167,700	2
2006102116	215 EIR	2006 Junior high school (units in students)	1256	85	106,760	2
2005042049	403 ND/MND	2005 Junior high school (units in students)	400	85	34,000	0
2006092089	311 ND/MND	2006 Junior high school (units in students)	135	85	11,475	0
2007112096	212 ND/MND	2007 Junior high school (units in students)	800	85	68,000	1
2007092014	402 EIR	2008 Junior high school (units in students)	700	85	59,500	1
2001122043	209 ND/MND	2001 High school (units in sqft)	14.5	1000	14,500	0
227218	619 ND/MND	2002 High school (units in sqft)	223.4	1000	223,400	3
2002032001	905 EIR	2003 High school (units in sqft)	98	1000	98,000	1
2003122093	219 ND/MND	2003 High school (units in sqft)	48.3	1000	48,300	0
2003122094	219 ND/MND	2003 High school (units in sqft)	80	1000	80,000	1
2003042109	707 ND/MND	2003 High school (units in sqft)	1	1000	1,000	0
2004042130	603 ND/MND	2004 High school (units in sqft)	15.6	1000	15,600	0
1985102912	905 EIR	2005 High school (units in sqft)	130	1000	130,000	2
2005092122	109 ND/MND	2005 High school (units in sqft)	87.1	1000	87,100	1
2005092008	202 ND/MND	2005 High school (units in sqft)	48.3	1000	48,300	0
2005129008	205 ND/MND	2005 High school (units in sqft)	2.9	1000	2,900	0
2005052104	219 ND/MND	2005 High school (units in sqft)	6.6	1000	6,600	0
2006022093	707 ND/MND	2006 High school (units in sqft)	18	1000	18,000	0
2006012089	104 EIR	2007 High school (units in sqft)	69	1000	69,000	1

2007092014	402 EIR	2008 High school (units in students)	2200	92	202,400	3
2001052015	203 ND/MND	2001 High school (units in students)	800	92	73,600	1
225213	68 ND/MND	2002 High school (units in students)	28	92	2,576	0
2242117	91 ND/MND	2002 High school (units in students)	4	92	368	0
2003032043	601 ND/MND	2003 High school (units in students)	240	92	22,080	0
2003122041	704 ND/MND	2004 High school (units in students)	630	92	57,960	1
2005082124	105 EIR	2005 High school (units in students)	500	92	46,000	0
2004062029	704 EIR	2005 High school (units in students)	1800	92	165,600	2
2005062044	111 ND/MND	2005 High school (units in students)	420	92	38,640	0
2007012107	107 ND/MND	2007 High school (units in students)	729	92	67,068	1
2007112116	114 ND/MND	2007 High school (units in students)	800	92	73,600	1
2007042071	207 ND/MND	2007 High school (units in students)	97	92	8,924	0
2007102119	901 ND/MND	2007 High school (units in students)	170	92	15,640	0
2008062039	405 ND/MND	2008 University/college (4 yrs) (units in students)	96	92	8,832	0
2003072072	108 ND/MND	2003 University/college (4 yrs) (units in students)	416	92	38,272	0
2004052080	107 ND/MND	2005 Junior college (2 yrs) (units in sqft)	160	1000	160,000	2
217295	14 EIR	2002 Junior college (2 yrs) (units in sqft)	16	1000	16,000	0
19965215	63 EIR	2002 Junior college (2 yrs) (units in sqft)	145.5	1000	145,500	2
21125	71 EIR	2002 Junior college (2 yrs) (units in sqft)	149.4	1000	149,400	2
21124	81 EIR	2002 Junior college (2 yrs) (units in sqft)	191	1000	191,000	2
222222	18 ND/MND	2002 Junior college (2 yrs) (units in sqft)	28.8	1000	28,800	0
227253	18 ND/MND	2002 Junior college (2 yrs) (units in sqft)	55	1000	55,000	1
2002072001	501 EIR	2003 Junior college (2 yrs) (units in sqft)	125	1000	125,000	2
2003072156	107 ND/MND	2003 Junior college (2 yrs) (units in sqft)	84	1000	84,000	1
2003012060	108 ND/MND	2003 Junior college (2 yrs) (units in sqft)	6.5	1000	6,500	0
2003072082	108 ND/MND	2003 Junior college (2 yrs) (units in sqft)	51.5	1000	51,500	1
2003082083	202 ND/MND	2003 Junior college (2 yrs) (units in sqft)	40	1000	40,000	0
2003092047	801 ND/MND	2003 Junior college (2 yrs) (units in sqft)	46.2	1000	46,200	0
2000062092	710 ND/MND	2004 Junior college (2 yrs) (units in sqft)	58.9	1000	58,900	1
2005092081	108 ND/MND	2005 Junior college (2 yrs) (units in sqft)	345	1000	345,000	3
2006022009	107 ND/MND	2006 Junior college (2 yrs) (units in sqft)	43.8	1000	43,800	0
2004042073	401 EIR	2007 Junior college (2 yrs) (units in sqft)	180	1000	180,000	2
2007091014	701 EIR	2008 Junior college (2 yrs) (units in sqft)	62	1000	62,000	1
2007122006	701 EIR	2008 Junior college (2 yrs) (units in sqft)	10	1000	10,000	0
2001012040	701 EIR	2006 Junior college (2 yrs) (units in students)	5000	92	460,000	4
2007032097	301 EIR	2007 Junior college (2 yrs) (units in students)	1180	92	108,560	2
2007032098	301 EIR	2007 Junior college (2 yrs) (units in students)	6402	92	588,984	4
2007058271	108 ND/MND	2007 Junior college (2 yrs) (units in students)	200	92	18,400	0
2005039003	219 ND/MND	2005 Place of worship	1	1000	1,000	0
22127	15 EIR	2002 Place of worship	187	1000	187,000	2
212287	616 EIR	2002 Place of worship	16	1000	16,000	0
2003062061	111 ND/MND	2003 Place of worship	19.7	1000	19,700	0
2004052093	101 ND/MND	2004 Place of worship	3.3	1000	3,300	0
2005052028	107 ND/MND	2005 Place of worship	143	1000	143,000	2
2003072099	109 ND/MND	2005 Place of worship	121.3	1000	121,300	2
2005032133	212 ND/MND	2005 Place of worship	47.8	1000	47,800	0
2004022079	101 EIR	2006 Place of worship	48	1000	48,000	0
2006012006	107 ND/MND	2006 Place of worship	14.2	1000	14,200	0
2006102117	403 ND/MND	2006 Place of worship	17.1	1000	17,100	0
2007032094	212 ND/MND	2007 Place of worship	24	1000	24,000	0
2006102084	403 ND/MND	2007 Place of worship	3.7	1000	3,700	0
2006122035	714 ND/MND	2007 Place of worship	93.2	1000	93,200	1
2007072040	715 ND/MND	2007 Place of worship	72.7	1000	72,700	1
2008072116	201 ND/MND	2008 Place of worship	73	1000	73,000	1
2008022067	206 ND/MND	2008 Place of worship	18.4	1000	18,400	0
2005022133	908 ND/MND	2005 Place of worship	10	1000	10,000	0
225215	713 ND/MND	2002 Library	24	1000	24,000	0
22328	712 EIR	2002 Library	4	1000	4,000	0
224285	712 EIR	2002 Library	55	1000	55,000	1
221226	11 ND/MND	2002 Library	41.2	1000	41,200	0
211296	14 ND/MND	2002 Library	28.8	1000	28,800	0
224264	28 ND/MND	2002 Library	2.4	1000	2,400	0
224217	215 ND/MND	2002 Library	26.3	1000	26,300	0
222248	613 ND/MND	2002 Library	12.3	1000	12,300	0
2242132	71 ND/MND	2002 Library	4	1000	4,000	0
2232146	713 ND/MND	2002 Library	26	1000	26,000	0
2242142	85 ND/MND	2002 Library	36	1000	36,000	0
2003082098	101 ND/MND	2003 Library	37	1000	37,000	0
2003102020	115 ND/MND	2003 Library	80	1000	80,000	1
2003012057	202 ND/MND	2003 Library	45	1000	45,000	0
2003082067	209 ND/MND	2003 Library	25	1000	25,000	0
2002122093	610 ND/MND	2003 Library	25.8	1000	25,800	0
2003112062	713 ND/MND	2003 Library	20	1000	20,000	0
2003112063	713 ND/MND	2003 Library	20	1000	20,000	0
1990030601	102 EIR	2004 Library	47.5	1000	47,500	0
2002032011	603 EIR	2004 Library	20.2	1000	20,200	0
2002032051	310 ND/MND	2004 Library	12.1	1000	12,100	0
2003052093	501 ND/MND	2004 Library	155.1	1000	155,100	2
2003012114	616 ND/MND	2004 Library	22.6	1000	22,600	0
2004082131	708 EIR	2004 Library	60	1000	60,000	1
2003072022	219 EIR	2003 Library	50	1000	50,000	1
2001072066	501 EIR	2007 Racquetball/health	48.8	1000	48,800	0
111274	21 EIR	2002 Racquetball/health	4.3	1000	4,300	0
225814	14 ND/MND	2002 Racquetball/health	1	1000	1,000	0
221257	617 ND/MND	2002 Racquetball/health	56	1000	56,000	1
225289	62 ND/MND	2002 Racquetball/health	44.9	1000	44,900	0
2003109021	217 ND/MND	2003 Racquetball/health	10	1000	10,000	0
2004012039	212 ND/MND	2004 Racquetball/health	8	1000	8,000	0
2008042127	708 ND/MND	2008 Racquetball/health	22	1000	22,000	0
2006012091	102 EIR	2006 Racquetball/health	20	1000	20,000	0
215285	62 EIR	2002 Racquetball/health	5	1000	5,000	0
2005111052	216 ND/MND	2005 High turnover (sit-down) rest.	10.4	1000	10,400	0
2007032084	404 EIR	2008 High turnover (sit-down) rest.	29	1000	29,000	0
2008022117	905 EIR	2008 High turnover (sit-down) rest.	4.5	1000	4,500	0
2005044002	201 ND/MND	2005 High turnover (sit-down) rest.	25	1000	25,000	0
2005032024	501 EIR	2006 High turnover (sit-down) rest.	2.1	1000	2,100	0
2003072028	613 ND/MND	2003 High turnover (sit-down) rest.	8.3	1000	8,300	0
2005062167	108 ND/MND	2005 High turnover (sit-down) rest.	4.2	1000	4,200	0
215285	62 EIR	2002 High turnover (sit-down) rest.	8	1000	8,000	0
2006122100	201 ND/MND	2006 Quality resturant	1.8	1000	1,800	0
2006072101	501 EIR	2007 Quality resturant	5.3	1000	5,300	0
2007032162	705 ND/MND	2007 Quality resturant	3	1000	3,000	0
2008032088	404 ND/MND	2008 Quality resturant	4	1000	4,000	0
2007102123	403 ND/MND	2007 Quality resturant	27.5	1000	27,500	0
2008032015	215 ND/MND	2008 Quality resturant	6.5	1000	6,500	0
2003112066	106 ND/MND	2003 Quality resturant	6	1000	6,000	0
2008062039	405 ND/MND	2008 Quality resturant	3.5	1000	3,500	0
2004082131	708 EIR	2004 Quality resturant	25	1000	25,000	0
2002052062	501 EIR	2003 Quality resturant	9.4	1000	9,400	0
2003042058	306 ND/MND	2003 Fast food rest. w/ drive thru	0.5	1000	500	0
2006068294	212 ND/MND	2006 Fast food rest. w/ drive thru	5.6	1000	5,600	0
2007012080	805 ND/MND	2007 Fast food rest. w/ drive thru	3.5	1000	3,500	0
2004102065	212 ND/MND	2004 Fast food rest. w/ drive thru	2.2	1000	2,200	0
2003072028	613 ND/MND	2003 Fast food rest. w/ drive thru	7.7	1000	7,700	0

2004072046	203 ND/MND	2004 Fast food rest. w/ drive thru	5	1000	5,000	0
221242	215 ND/MND	2002 Fast food rest. w/ drive thru	2	1000	2,000	0
2005122055	405 ND/MND	2006 Hotel (units in rooms)	45	500	22,500	0
2006012038	406 ND/MND	2008 Hotel (units in rooms)	38	500	19,000	0
2001022050	305 ND/MND	2004 Hotel (units in rooms)	80	500	40,000	0
2005072095	612 EIR	2006 Hotel (units in rooms)	125	500	62,500	1
2007032162	705 ND/MND	2007 Hotel (units in rooms)	85	500	42,500	0
2008032088	404 ND/MND	2008 Hotel (units in rooms)	196	500	98,000	1
2112268	11 EIR	2002 Hotel (units in rooms)	142	500	71,000	1
223921	27 ND/MND	2002 Hotel (units in rooms)	72	500	36,000	0
228211	44 ND/MND	2002 Hotel (units in rooms)	351	500	175,500	2
2111256	619 ND/MND	2002 Hotel (units in rooms)	31	500	15,500	0
225239	83 ND/MND	2002 Hotel (units in rooms)	14	500	7,000	0
2003012059	301 ND/MND	2003 Hotel (units in rooms)	11	500	5,500	0
2003122038	403 EIR	2004 Hotel (units in rooms)	89	500	44,500	0
2003112100	405 ND/MND	2004 Hotel (units in rooms)	20	500	10,000	0
2004042082	714 ND/MND	2004 Hotel (units in rooms)	101	500	50,500	1
2005122136	111 ND/MND	2005 Hotel (units in rooms)	135	500	67,500	1
2006052065	402 ND/MND	2006 Hotel (units in rooms)	150	500	75,000	1
2008052136	217 ND/MND	2008 Hotel (units in rooms)	126	500	63,000	1
2008032065	404 ND/MND	2008 Hotel (units in rooms)	164	500	82,000	1
2008052089	404 ND/MND	2008 Hotel (units in rooms)	351	500	175,500	2
2004012028	401 EIR	2006 Hotel (units in rooms)	100	500	50,000	1
221242	215 ND/MND	2002 Hotel (units in rooms)	11	500	5,500	0
2002012107	907 EIR	2003 Hotel (units in rooms)	34	500	17,000	0
1112021	712 EIR	2003 Hotel (units in rooms)	320	500	160,000	2
2002052062	501 EIR	2003 Hotel (units in rooms)	120	500	60,000	1
2007032117	711 ND/MND	2007 Hotel (units in rooms)	285	500	142,500	2
2007042022	219 EIR	2007 Hotel (units in rooms)	169	500	84,500	1
21521	111 EIR	2002 Hotel (units in rooms)	34	500	17,000	0
211255	716 EIR	2002 Hotel (units in rooms)	35	500	17,500	0
2001072066	501 EIR	2007 Hotel (units in rooms)	25	500	12,500	0
1990030951	804 EIR	2007 Hotel (units in rooms)	102	500	51,000	1
218284	51 EIR	2002 Hotel (units in rooms)	385	500	192,500	2
1998072090	202 EIR	2006 Hotel (units in rooms)	250	500	125,000	2
2005022089	716 EIR	2005 Hotel (units in rooms)	263	500	131,500	2
2007102123	403 ND/MND	2007 Motel (units in rooms)	36	500	18,000	0
112214	41 EIR	2002 Motel (units in rooms)	156	500	78,000	1
223229	44 ND/MND	2002 Motel (units in rooms)	36	500	18,000	0
2003082044	203 ND/MND	2003 Motel (units in rooms)	45	500	22,500	0
2003102080	901 ND/MND	2003 Motel (units in rooms)	6	500	3,000	0
2006062153	610 ND/MND	2006 Motel (units in rooms)	240	500	120,000	2
2006052062	907 ND/MND	2006 Motel (units in rooms)	8	500	4,000	0
2007052022	104 ND/MND	2007 Motel (units in rooms)	60	500	30,000	0
2008062089	406 ND/MND	2008 Motel (units in rooms)	20	500	10,000	0
2005044002	201 ND/MND	2005 Motel (units in rooms)	1100	500	550,000	4
2003122014	904 EIR	2006 Motel (units in rooms)	100	500	50,000	1
2003042127	713 EIR	2005 Motel (units in rooms)	2500	500	1,250,000	7
2008022117	905 EIR	2008 Free-standing discount store	155.5	1000	155,500	2
2005062167	108 ND/MND	2005 Free-standing discount store	136.2	1000	136,200	2
2008042050	205 EIR	2008 Free-standing discount store	169.1	1000	169,100	2
224212	28 ND/MND	2002 Free-standing discount store	94.9	1000	94,900	1
2003072047	704 EIR	2004 Free-standing discount store	219.6	1000	219,600	3
2004052089	202 ND/MND	2004 Free-standing discount store	170.3	1000	170,300	2
2005042074	110 ND/MND	2005 Free-standing discount store	0.8	1000	800	0
2005122129	208 ND/MND	2005 Free-standing discount store	141.7	1000	141,700	2
2004122141	905 ND/MND	2005 Free-standing discount store	98.5	1000	98,500	1
2005062009	202 EIR	2006 Free-standing discount store	72.9	1000	72,900	1
2004112064	803 EIR	2006 Free-standing discount store	200	1000	200,000	3
2005012048	905 EIR	2006 Free-standing discount store	105.9	1000	105,900	2
2007082125	310 EIR	2008 Free-standing discount store	137.4	1000	137,400	2
2007042114	202 ND/MND	2007 Free-standing discount store	104.3	1000	104,300	2
2005092047	616 EIR	2007 Free-standing discount superstore	148.6	1000	148,600	2
2003092076	105 EIR	2003 Free-standing discount superstore	317	1000	317,000	3
19931366	68 EIR	2002 Free-standing discount superstore	3	1000	3,000	0
2001082059	107 EIR	2003 Free-standing discount superstore	155.6	1000	155,600	2
2006072026	804 EIR	2007 Free-standing discount superstore	230	1000	230,000	3
2008032042	216 EIR	2008 Regnl shop. center	167.4	1000	167,400	2
2006062053	113 EIR	2008 Regnl shop. center	100.7	1000	100,700	2
2005042146	107 EIR	2006 Regnl shop. center	469.9	1000	469,900	4
2007082137	107 EIR	2007 Regnl shop. center	81	1000	81,000	1
2182113	23 EIR	2002 Regnl shop. center	686.4	1000	686,400	5
227227	74 EIR	2002 Regnl shop. center	73.5	1000	73,500	1
1996052016	107 EIR	2003 Regnl shop. center	710	1000	710,000	5
2003022086	111 EIR	2003 Regnl shop. center	961	1000	961,000	6
2004112075	110 EIR	2004 Regnl shop. center	98	1000	98,000	1
2004032132	713 EIR	2004 Regnl shop. center	385	1000	385,000	3
2004122075	202 ND/MND	2004 Regnl shop. center	186	1000	186,000	2
2004112060	710 EIR	2005 Regnl shop. center	657.3	1000	657,300	5
2005082119	704 ND/MND	2005 Regnl shop. center	100.7	1000	100,700	2
2003042073	102 EIR	2006 Regnl shop. center	706.65	1000	706,650	5
2005092130	205 EIR	2006 Regnl shop. center	364.3	1000	364,300	3
2006024005	217 EIR	2006 Regnl shop. center	225	1000	225,000	3
2006052015	501 EIR	2006 Regnl shop. center	20.5	1000	20,500	0
2006062111	618 EIR	2006 Regnl shop. center	108	1000	108,000	2
2006062130	203 ND/MND	2006 Regnl shop. center	460	1000	460,000	4
2006052162	713 EIR	2007 Regnl shop. center	650	1000	650,000	5
2007119012	105 ND/MND	2007 Regnl shop. center	305	1000	305,000	3
2007022079	107 ND/MND	2007 Regnl shop. center	79	1000	79,000	1
2007122052	109 ND/MND	2007 Regnl shop. center	110	1000	110,000	2
2007092023	111 ND/MND	2007 Regnl shop. center	91.3	1000	91,300	1
2008042116	107 EIR	2008 Regnl shop. center	524	1000	524,000	4
2008032066	220 EIR	2008 Regnl shop. center	71	1000	71,000	1
2008062001	202 ND/MND	2008 Regnl shop. center	103.1	1000	103,100	2
2008032077	805 ND/MND	2008 Regnl shop. center	139.7	1000	139,700	2
2004092011	212 EIR	2008 Regnl shop. center	638.6	1000	638,600	5
2002122124	202 EIR	2003 Regnl shop. center	140	1000	140,000	2
2007072019	107 ND/MND	2007 Regnl shop. center	55.5	1000	55,500	1
2007062074	708 EIR	2008 Regnl shop. center	148.8	1000	148,800	2
2005062167	108 ND/MND	2005 Regnl shop. center	19.2	1000	19,200	0
2008042050	205 EIR	2008 Regnl shop. center	155	1000	155,000	2
2003092076	105 EIR	2003 Regnl shop. center	137	1000	137,000	2
1988110816	716 EIR	2003 Regnl shop. center	116.6	1000	116,600	2
2003042127	713 EIR	2005 Regnl shop. center	1200	1000	1,200,000	7
2004072110	713 EIR	2005 Regnl shop. center	460	1000	460,000	4
2003032055	404 EIR	2006 Regnl shop. center	277.2	1000	277,200	3
2006052102	114 EIR	2007 Regnl shop. center	195.3	1000	195,300	2
2003042170	619 EIR	2005 Regnl shop. center	150	1000	150,000	2
2004012097	215 EIR	2004 Regnl shop. center	257.5	1000	257,500	3
2000032010	501 EIR	2003 Home improvement superstore	153.1	1000	153,100	2
2005082031	620 EIR	2006 Home improvement superstore	148.8	1000	148,800	2
2005082032	620 EIR	2006 Home improvement superstore	125.7	1000	125,700	2
2006012115	713 EIR	2006 Home improvement superstore	205	1000	205,000	3
2003052047	101 EIR	2004 Strip mall	111	1000	111,000	2

211261	712 EIR	2002 Strip mall	2.8	1000	2,800	0
2001112109	501 EIR	2006 Strip mall	9.4	1000	9,400	0
2007092082	905 ND/MND	2007 Strip mall	7.9	1000	7,900	0
2005044002	201 ND/MND	2005 Strip mall	450	1000	450,000	4
1990030951	804 EIR	2007 Strip mall	5.8	1000	5,800	0
2003112066	106 ND/MND	2003 Strip mall	4.4	1000	4,400	0
2006012003	207 ND/MND	2006 Strip mall	3.4	1000	3,400	0
2212217	18 ND/MND	2002 Strip mall	1	1000	1,000	0
228213	44 ND/MND	2002 Strip mall	2	1000	2,000	0
224216	63 ND/MND	2002 Strip mall	17.5	1000	17,500	0
2000102009	903 EIR	2003 Strip mall	209	1000	209,000	3
2003062048	905 ND/MND	2003 Strip mall	39.8	1000	39,800	0
2004062011	108 ND/MND	2004 Strip mall	20	1000	20,000	0
2004022020	608 ND/MND	2004 Strip mall	0.3	1000	300	0
2005079027	111 ND/MND	2005 Strip mall	20	1000	20,000	0
2005038017	212 ND/MND	2005 Strip mall	10.7	1000	10,700	0
2005022016	905 ND/MND	2005 Strip mall	39.5	1000	39,500	0
2004122042	102 ND/MND	2006 Strip mall	3.5	1000	3,500	0
2006052016	212 ND/MND	2006 Strip mall	10.1	1000	10,100	0
2006072083	219 ND/MND	2006 Strip mall	0.7	1000	700	0
2006092108	801 ND/MND	2006 Strip mall	5	1000	5,000	0
2006032033	901 ND/MND	2006 Strip mall	7.3	1000	7,300	0
2006062004	901 ND/MND	2006 Strip mall	2.4	1000	2,400	0
2006072046	901 ND/MND	2006 Strip mall	3.4	1000	3,400	0
2006122077	907 ND/MND	2006 Strip mall	17.7	1000	17,700	0
2006052161	908 EIR	2007 Strip mall	305	1000	305,000	3
2007112067	712 ND/MND	2007 Strip mall	12	1000	12,000	0
2007022036	901 ND/MND	2007 Strip mall	7.2	1000	7,200	0
2008012104	212 ND/MND	2008 Strip mall	0.5	1000	500	0
2008032059	402 ND/MND	2008 Strip mall	29.3	1000	29,300	0
2008042115	619 ND/MND	2008 Strip mall	33.3	1000	33,300	0
218284	51 EIR	2002 Strip mall	394	1000	394,000	3
2003072016	501 EIR	2006 Strip mall	60	1000	60,000	1
2008022100	501 EIR	2008 Strip mall	1.5	1000	1,500	0
2007122020	501 ND/MND	2008 Strip mall	15.8	1000	15,800	0
2005052021	905 ND/MND	2005 Strip mall	16.8	1000	16,800	0
2005012094	905 ND/MND	2005 Strip mall	46.2	1000	46,200	0
2006072001	207 ND/MND	2006 Strip mall	11	1000	11,000	0
2006052185	905 ND/MND	2006 Strip mall	98.5	1000	98,500	1
2006062021	306 EIR	2007 Strip mall	3.2	1000	3,200	0
2007102067	905 ND/MND	2007 Strip mall	6	1000	6,000	0
2002102054	104 EIR	2008 Strip mall	2.8	1000	2,800	0
2007012109	501 EIR	2008 Strip mall	1	1000	1,000	0
2006022075	111 EIR	2008 Strip mall	42.5	1000	42,500	0
2003042029	703 ND/MND	2003 Strip mall	20.4	1000	20,400	0
2004112037	501 EIR	2008 Strip mall	15	1000	15,000	0
1122098	704 ND/MND	2000 Strip mall	11	1000	11,000	0
2252127	111 ND/MND	2002 Strip mall	22	1000	22,000	0
2004032052	111 EIR	2004 Strip mall	40	1000	40,000	0
2003072110	616 EIR	2004 Strip mall	8.3	1000	8,300	0
2004012110	111 EIR	2005 Strip mall	13	1000	13,000	0
2005092115	106 ND/MND	2005 Strip mall	5.5	1000	5,500	0
2005012034	107 ND/MND	2005 Strip mall	58	1000	58,000	1
2007122028	111 ND/MND	2007 Strip mall	3	1000	3,000	0
2007072111	104 EIR	2008 Strip mall	2.6	1000	2,600	0
2007092005	106 EIR	2008 Strip mall	1	1000	1,000	0
2007122089	111 EIR	2008 Strip mall	7.7	1000	7,700	0
2008032002	619 ND/MND	2008 Strip mall	2.9	1000	2,900	0
2008052021	905 ND/MND	2008 Strip mall	6	1000	6,000	0
2005022057	713 EIR	2005 Strip mall	18	1000	18,000	0
2003092015	607 EIR	2004 Strip mall	27.2	1000	27,200	0
228914	217 EIR	2002 Strip mall	21	1000	21,000	0
2232148	613 ND/MND	2002 Strip mall	6.5	1000	6,500	0
2003062087	908 ND/MND	2003 Strip mall	22.3	1000	22,300	0
2005072047	101 EIR	2005 Strip mall	4.5	1000	4,500	0
2006028436	105 ND/MND	2006 Strip mall	15	1000	15,000	0
2005122006	106 EIR	2007 Strip mall	77	1000	77,000	1
2007082157	106 ND/MND	2007 Strip mall	5.7	1000	5,700	0
2006122037	218 ND/MND	2007 Strip mall	8	1000	8,000	0
2006062067	901 ND/MND	2006 Strip mall	9.3	1000	9,300	0
2007012080	805 ND/MND	2007 Strip mall	16.3	1000	16,300	0
2004102065	212 ND/MND	2004 Strip mall	3.8	1000	3,800	0
2007042114	202 ND/MND	2007 Strip mall	24	1000	24,000	0
2006012091	102 EIR	2006 Strip mall	50	1000	50,000	1
2004012028	401 EIR	2006 Strip mall	175	1000	175,000	2
2006012024	604 EIR	2006 Strip mall	2.5	1000	2,500	0
2005042121	620 EIR	2006 Strip mall	5.5	1000	5,500	0
2006122100	201 ND/MND	2006 Strip mall	10.7	1000	10,700	0
2003042035	905 EIR	2004 Strip mall	53.6	1000	53,600	1
2003122002	714 EIR	2008 Strip mall	171	1000	171,000	2
1032075	712 ND/MND	2003 Strip mall	1.7	1000	1,700	0
2004082100	805 EIR	2005 Strip mall	13.3	1000	13,300	0
2004122013	215 EIR	2007 Strip mall	40	1000	40,000	0
2005042021	711 EIR	2007 Strip mall	6.5	1000	6,500	0
2006032042	713 EIR	2007 Strip mall	16.7	1000	16,700	0
2007102015	713 EIR	2008 Strip mall	30	1000	30,000	0
2000012080	501 EIR	2003 Strip mall	4	1000	4,000	0
2001102102	501 EIR	2003 Strip mall	24.9	1000	24,900	0
226292	23 ND/MND	2002 Strip mall	35.9	1000	35,900	0
2232147	212 ND/MND	2002 Strip mall	27	1000	27,000	0
2007012034	307 ND/MND	2007 Strip mall	37.3	1000	37,300	0
2005062084	501 EIR	2007 Strip mall	5	1000	5,000	0
2003122009	108 EIR	2004 Strip mall	28	1000	28,000	0
2006042067	501 EIR	2006 Strip mall	2.5	1000	2,500	0
2004082131	708 EIR	2004 Strip mall	25	1000	25,000	0
2002022076	616 EIR	2003 Strip mall	12	1000	12,000	0
2006072101	501 EIR	2007 Strip mall	11.4	1000	11,400	0
2005062167	108 ND/MND	2005 Strip mall	26	1000	26,000	0
2008042050	205 EIR	2008 Strip mall	10	1000	10,000	0
2006062087	212 ND/MND	2006 Strip mall	7.8	1000	7,800	0
2003072022	219 EIR	2003 Strip mall	40	1000	40,000	0
219262	65 EIR	2002 Strip mall	2.9	1000	2,900	0
2005072009	804 ND/MND	2005 Strip mall	13.6	1000	13,600	0
2004032064	803 EIR	2005 Strip mall	111	1000	111,000	2
213293	111 EIR	2002 Strip mall	11	1000	11,000	0
2006122073	214 ND/MND	2006 Strip mall	56	1000	56,000	1
2004072046	203 ND/MND	2004 Strip mall	61	1000	61,000	1
2003102056	212 ND/MND	2003 Hardware/paint store	16.8	1000	16,800	0
2008032104	908 ND/MND	2008 Hardware/paint store	3.4	1000	3,400	0
2005112050	307 ND/MND	2005 Supermarket	53.7	1000	53,700	1
2003102112	102 ND/MND	2004 Supermarket	58.7	1000	58,700	1
2006122073	214 ND/MND	2006 Supermarket	12	1000	12,000	0
2004082071	405 ND/MND	2004 Supermarket	2	1000	2,000	0
2003112097	501 ND/MND	2003 Supermarket	17.1	1000	17,100	0

2006102103	805 ND/MND	2006 Supermarket	14.7	1000	14,700	0
2007052029	713 ND/MND	2007 Supermarket	44	1000	44,000	0
2001102102	501 EIR	2003 Supermarket	41.6	1000	41,600	0
226292	23 ND/MND	2002 Supermarket	65.6	1000	65,600	1
2232147	212 ND/MND	2002 Supermarket	58	1000	58,000	1
2007012034	307 ND/MND	2007 Supermarket	55	1000	55,000	1
224227	95 ND/MND	2002 Supermarket	34	1000	34,000	0
2007072026	501 EIR	2008 Supermarket	40	1000	40,000	0
219262	65 EIR	2002 Supermarket	5.3	1000	5,300	0
2111271	712 EIR	2002 Supermarket	2	1000	2,000	0
2000012080	501 EIR	2003 Supermarket	34.5	1000	34,500	0
2007022038	901 ND/MND	2007 Convenience market (24 hour)	3.3	1000	3,300	0
2003072028	613 ND/MND	2003 Convenience market with gas pumps	5.6	1000	5,600	0
221214	95 ND/MND	2002 Convenience market with gas pumps	1.9	1000	1,900	0
2003042136	612 ND/MND	2003 Convenience market with gas pumps	1	1000	1,000	0
2005012117	212 ND/MND	2005 Convenience market with gas pumps	3.6	1000	3,600	0
2006102090	107 ND/MND	2006 Convenience market with gas pumps	3	1000	3,000	0
2007069035	105 ND/MND	2007 Convenience market with gas pumps	2.2	1000	2,200	0
2007062048	905 ND/MND	2007 Convenience market with gas pumps	4.1	1000	4,100	0
2006062067	901 ND/MND	2006 Convenience market with gas pumps	3.9	1000	3,900	0
2007012080	805 ND/MND	2007 Convenience market with gas pumps	2.5	1000	2,500	0
2007022109	215 ND/MND	2007 Convenience market with gas pumps	3.5	1000	3,500	0
221242	215 ND/MND	2002 Convenience market with gas pumps	2	1000	2,000	0
2006062087	212 ND/MND	2006 Gasoline/service station (units in pumps)	12	1000	12,000	0
21222	31 ND/MND	2002 Gasoline/service station (units in pumps)	16	1000	16,000	0
2004022038	107 ND/MND	2004 Gasoline/service station (units in pumps)	12	1000	12,000	0
2005102052	905 ND/MND	2005 Gasoline/service station (units in pumps)	8	1000	8,000	0
2006032065	111 ND/MND	2006 Gasoline/service station (units in pumps)	8	1000	8,000	0
2005092047	616 EIR	2007 Gasoline/service station (units in pumps)	16	1000	16,000	0
2003102112	102 ND/MND	2004 Gasoline/service station (units in pumps)	12	1000	12,000	0
2004072046	203 ND/MND	2004 Gasoline/service station (units in pumps)	24	1000	24,000	0
2005022031	614 ND/MND	2005 General office building	1.6	1000	1,600	0
2008062067	617 ND/MND	2008 General office building	15	1000	15,000	0
2003102103	402 ND/MND	2003 General office building	196	1000	196,000	2
2007122078	212 ND/MND	2007 General office building	9	1000	9,000	0
2002052062	501 EIR	2003 General office building	130.6	1000	130,600	2
2007032117	711 ND/MND	2007 General office building	310	1000	310,000	3
2001082105	201 ND/MND	2001 General office building	35	1000	35,000	0
221242	14 ND/MND	2002 General office building	94.5	1000	94,500	1
228964	21 ND/MND	2002 General office building	2	1000	2,000	0
229242	62 ND/MND	2002 General office building	133	1000	133,000	2
227226	71 ND/MND	2002 General office building	5.3	1000	5,300	0
22124	85 ND/MND	2002 General office building	7	1000	7,000	0
2111276	95 ND/MND	2002 General office building	275	1000	275,000	3
2001022038	104 EIR	2003 General office building	145.6	1000	145,600	2
2003062097	104 EIR	2003 General office building	65	1000	65,000	1
2003099064	501 EIR	2003 General office building	906.9	1000	906,900	6
2002062028	713 EIR	2003 General office building	255	1000	255,000	3
2002122091	713 EIR	2003 General office building	222.7	1000	222,700	3
1988042624	802 EIR	2003 General office building	15	1000	15,000	0
2002122051	104 ND/MND	2003 General office building	95	1000	95,000	1
2003012022	104 ND/MND	2003 General office building	14	1000	14,000	0
2003082091	104 ND/MND	2003 General office building	12.9	1000	12,900	0
2003019008	210 ND/MND	2003 General office building	17.4	1000	17,400	0
2003022056	215 ND/MND	2003 General office building	104.4	1000	104,400	2
2002112080	605 ND/MND	2003 General office building	3.3	1000	3,300	0
2003112057	701 ND/MND	2003 General office building	93	1000	93,000	1
2002122102	713 ND/MND	2003 General office building	275	1000	275,000	3
2003022127	901 ND/MND	2003 General office building	14	1000	14,000	0
2002122005	501 EIR	2004 General office building	268	1000	268,000	3
2003122119	620 EIR	2004 General office building	315.4	1000	315,400	3
2004042098	114 ND/MND	2004 General office building	9.5	1000	9,500	0
2004052033	209 ND/MND	2004 General office building	55.7	1000	55,700	1
2004118004	213 ND/MND	2004 General office building	13.6	1000	13,600	0
2004052059	217 ND/MND	2004 General office building	272.7	1000	272,700	3
2004062036	603 ND/MND	2004 General office building	31.4	1000	31,400	0
2003022055	619 ND/MND	2004 General office building	98.1	1000	98,100	1
2004102013	620 ND/MND	2004 General office building	67.1	1000	67,100	1
2004092028	901 ND/MND	2004 General office building	19	1000	19,000	0
2004042023	905 ND/MND	2004 General office building	17	1000	17,000	0
2003082131	104 EIR	2005 General office building	110	1000	110,000	2
2004062104	713 EIR	2005 General office building	646	1000	646,000	5
2004052113	309 ND/MND	2005 General office building	9.5	1000	9,500	0
2005022081	901 ND/MND	2005 General office building	10	1000	10,000	0
2005112056	104 EIR	2006 General office building	451	1000	451,000	4
2006112039	104 ND/MND	2006 General office building	30	1000	30,000	0
2006042130	214 ND/MND	2006 General office building	3.6	1000	3,600	0
2006088210	217 ND/MND	2006 General office building	24.8	1000	24,800	0
2004022015	404 ND/MND	2006 General office building	7.5	1000	7,500	0
2006022099	905 ND/MND	2006 General office building	70	1000	70,000	1
2006082062	905 ND/MND	2006 General office building	59.9	1000	59,900	1
2003112042	212 EIR	2007 General office building	690	1000	690,000	5
2006092050	501 EIR	2007 General office building	3	1000	3,000	0
2004092077	804 EIR	2007 General office building	239	1000	239,000	3
2007082110	901 ND/MND	2007 General office building	6.7	1000	6,700	0
2007042129	907 ND/MND	2007 General office building	45	1000	45,000	0
2007072106	104 EIR	2008 General office building	140	1000	140,000	2
2007072107	104 EIR	2008 General office building	160	1000	160,000	2
2008022099	312 EIR	2008 General office building	2.9	1000	2,900	0
2008022007	708 EIR	2008 General office building	424.8	1000	424,800	4
1998072036	904 EIR	2008 General office building	302.1	1000	302,100	3
2008012068	212 ND/MND	2008 General office building	56	1000	56,000	1
2008042097	219 ND/MND	2008 General office building	4	1000	4,000	0
2007022080	301 ND/MND	2008 General office building	1.5	1000	1,500	0
2008042094	402 ND/MND	2008 General office building	13.8	1000	13,800	0
2004052082	701 ND/MND	2008 General office building	14	1000	14,000	0
2008022008	711 ND/MND	2008 General office building	340.1	1000	340,100	3
2008022080	711 ND/MND	2008 General office building	192.8	1000	192,800	2
2008052061	711 ND/MND	2008 General office building	87.6	1000	87,600	1
2006012091	102 EIR	2006 General office building	400	1000	400,000	4
2005032024	501 EIR	2006 General office building	6.3	1000	6,300	0
27291	111 EIR	2002 General office building	9.8	1000	9,800	0
2005092046	704 ND/MND	2005 General office building	994.5	1000	994,500	6
2005062084	501 EIR	2007 General office building	10	1000	10,000	0
2003072002	905 ND/MND	2003 General office building	20.7	1000	20,700	0
2004072011	612 EIR	2004 General office building	26.8	1000	26,800	0
2003122087	219 EIR	2006 General office building	200	1000	200,000	3
2006092125	907 EIR	2007 General office building	5.7	1000	5,700	0
2007032021	306 ND/MND	2007 General office building	5.2	1000	5,200	0
2007082159	906 ND/MND	2007 General office building	2	1000	2,000	0
2003112102	708 EIR	2005 General office building	62.6	1000	62,600	1
2005112128	111 EIR	2007 General office building	26	1000	26,000	0
2003092106	208 ND/MND	2003 General office building	38.8	1000	38,800	0
2003102058	620 ND/MND	2003 General office building	22	1000	22,000	0

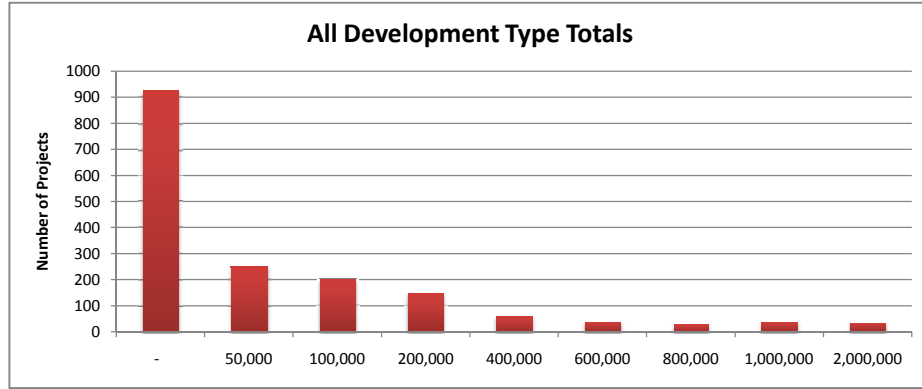
2006042067	501 EIR	2006 General office building	3.5	1000	3,500	0
2005022133	908 ND/MND	2005 General office building	8.9	1000	8,900	0
2004052026	217 ND/MND	2004 General office building	46.2	1000	46,200	0
2004102026	908 ND/MND	2004 General office building	33.3	1000	33,300	0
2005052061	903 EIR	2007 General office building	298.1	1000	298,100	3
2008022102	705 EIR	2008 General office building	189.4	1000	189,400	2
2001022079	802 EIR	2007 General office building	95.3	1000	95,300	1
2007102072	201 ND/MND	2007 General office building	50	1000	50,000	1
2001022050	305 ND/MND	2004 General office building	11	1000	11,000	0
2007082137	107 EIR	2007 General office building	70	1000	70,000	1
2007062068	713 EIR	2007 General office building	25	1000	25,000	0
2005022089	716 EIR	2005 General office building	3	1000	3,000	0
2002062017	713 EIR	2003 General office building	1000	1000	1,000,000	7
2003012046	713 EIR	2003 General office building	60	1000	60,000	1
2002062025	802 ND/MND	2004 General office building	1.8	1000	1,800	0
2004122037	803 EIR	2005 General office building	846	1000	846,000	6
2000052073	805 EIR	2005 General office building	562	1000	562,000	4
1992073053	614 EIR	2006 General office building	24	1000	24,000	0
1995103035	111 EIR	2007 General office building	82	1000	82,000	1
2005062160	713 EIR	2007 General office building	5	1000	5,000	0
2007062021	802 EIR	2007 General office building	525	1000	525,000	4
2005112006	906 EIR	2007 General office building	164	1000	164,000	2
2005102007	713 EIR	2008 General office building	575	1000	575,000	4
2007042068	716 EIR	2008 General office building	72.2	1000	72,200	1
213293	111 EIR	2002 General office building	57.8	1000	57,800	1
211261	712 EIR	2002 General office building	182	1000	182,000	2
2001112109	501 EIR	2006 General office building	12	1000	12,000	0
2007092082	905 ND/MND	2007 General office building	43.7	1000	43,700	0
2003102112	102 ND/MND	2004 General office building	7	1000	7,000	0
2003112067	401 ND/MND	2003 General office building	7	1000	7,000	0
2006082019	901 ND/MND	2006 General office building	22.5	1000	22,500	0
2005052021	905 ND/MND	2005 General office building	4.5	1000	4,500	0
2005122122	905 ND/MND	2006 General office building	4.5	1000	4,500	0
2003042029	703 ND/MND	2003 General office building	181	1000	181,000	2
2004112037	501 EIR	2008 General office building	20	1000	20,000	0
2007062074	708 EIR	2008 General office building	49	1000	49,000	0
2003092015	607 EIR	2004 General office building	60	1000	60,000	1
2002092050	616 EIR	2003 General office building	92.5	1000	92,500	1
2003122014	904 EIR	2006 General office building	100	1000	100,000	2
2003112011	904 EIR	2006 General office building	20	1000	20,000	0
2006032108	306 ND/MND	2007 General office building	4.2	1000	4,200	0
22721	713 EIR	2002 General office building	55	1000	55,000	1
2005052030	907 ND/MND	2005 General office building	6.9	1000	6,900	0
2003042035	905 EIR	2004 General office building	228.3	1000	228,300	3
2003122002	714 EIR	2008 General office building	12.3	1000	12,300	0
2006082133	205 EIR	2007 Medical office building	60	1000	60,000	1
22723	44 ND/MND	2002 Medical office building	1.9	1000	1,900	0
227232	95 ND/MND	2002 Medical office building	58.6	1000	58,600	1
2003032088	201 ND/MND	2003 Medical office building	8.8	1000	8,800	0
2003032114	701 ND/MND	2003 Medical office building	4.3	1000	4,300	0
2003052111	701 ND/MND	2003 Medical office building	60	1000	60,000	1
2003092033	701 ND/MND	2003 Medical office building	244	1000	244,000	3
2003012075	905 ND/MND	2003 Medical office building	22.4	1000	22,400	0
2004012090	214 EIR	2004 Medical office building	70.3	1000	70,300	1
1996022054	220 EIR	2004 Medical office building	1100	1000	1,100,000	7
2004022140	713 EIR	2004 Medical office building	1030	1000	1,030,000	7
2004112068	905 ND/MND	2004 Medical office building	91.2	1000	91,200	1
2005052029	501 EIR	2005 Medical office building	18	1000	18,000	0
2005032134	111 EIR	2006 Medical office building	1780	1000	1,780,000	7
2006052030	612 EIR	2006 Medical office building	48.4	1000	48,400	0
2006112103	501 ND/MND	2006 Medical office building	50.1	1000	50,100	1
2007012074	301 EIR	2007 Medical office building	115	1000	115,000	2
2003062086	618 EIR	2007 Medical office building	478.5	1000	478,500	4
2007044003	109 ND/MND	2007 Medical office building	1.5	1000	1,500	0
2007052062	403 ND/MND	2007 Medical office building	10	1000	10,000	0
2007112077	612 ND/MND	2007 Medical office building	9.8	1000	9,800	0
2007042016	101 EIR	2008 Medical office building	315	1000	315,000	3
2008022027	501 ND/MND	2008 Medical office building	71.1	1000	71,100	1
2002092050	616 EIR	2003 Medical office building	445.2	1000	445,200	4
2005012083	616 EIR	2007 Medical office building	50	1000	50,000	1
2003072005	605 EIR	2005 Medical office building	150	1000	150,000	2
2004102008	501 EIR	2005 Medical office building	177.6	1000	177,600	2
2003042170	619 EIR	2005 Office park	1500	1000	1,500,000	7
2005012014	310 EIR	2007 Office park	12.8	1000	12,800	0
2007012023	609 EIR	2007 Office park	296	1000	296,000	3
215285	62 EIR	2002 Office park	783.5	1000	783,500	5
2007042022	219 EIR	2007 Office park	1600	1000	1,600,000	7
21521	111 EIR	2002 Office park	13	1000	13,000	0
211255	716 EIR	2002 Office park	2345	1000	2,345,000	8
2008032015	215 ND/MND	2008 Office park	133.4	1000	133,400	2
2000082031	202 ND/MND	2001 Office park	105.5	1000	105,500	2
221277	217 EIR	2002 Office park	545.3	1000	545,300	4
212271	713 EIR	2002 Office park	3765	1000	3,765,000	8
228228	111 ND/MND	2002 Office park	232.4	1000	232,400	3
225214	217 ND/MND	2002 Office park	27.7	1000	27,700	0
2001032069	109 EIR	2003 Office park	2900	1000	2,900,000	8
1122059	713 EIR	2003 Office park	3000	1000	3,000,000	8
2003072039	713 EIR	2003 Office park	2000	1000	2,000,000	8
1996032086	714 EIR	2003 Office park	918	1000	918,000	6
2003032014	616 EIR	2004 Office park	541	1000	541,000	4
2004012103	713 EIR	2004 Office park	2800	1000	2,800,000	8
2004032061	106 ND/MND	2004 Office park	533	1000	533,000	4
2004061152	714 EIR	2005 Office park	560	1000	560,000	4
2005082130	201 ND/MND	2005 Office park	375	1000	375,000	3
2005112040	609 ND/MND	2005 Office park	92	1000	92,000	1
2005032058	620 ND/MND	2005 Office park	151	1000	151,000	2
2005072165	620 EIR	2006 Office park	1500	1000	1,500,000	7
2006032120	716 EIR	2006 Office park	2134	1000	2,134,000	8
2006109038	105 ND/MND	2006 Office park	67	1000	67,000	1
2006102062	713 ND/MND	2006 Office park	395	1000	395,000	3
2006052111	901 ND/MND	2006 Office park	4	1000	4,000	0
2006092054	620 EIR	2007 Office park	326	1000	326,000	3
2006092064	620 EIR	2007 Office park	283	1000	283,000	3
2007042165	714 EIR	2007 Office park	516	1000	516,000	4
2008022094	620 EIR	2008 Office park	291.6	1000	291,600	3
2008052011	714 EIR	2008 Office park	1950	1000	1,950,000	7
2006012024	604 EIR	2006 Office park	540.2	1000	540,200	4
2005042121	620 EIR	2006 Office park	534.5	1000	534,500	4
2004102067	713 EIR	2005 Office park	26700	1000	26,700,000	8
2004062013	111 EIR	2006 Office park	200	1000	200,000	3
2006052102	114 EIR	2007 Office park	781.2	1000	781,200	5
2002102087	101 EIR	2003 Office park	208	1000	208,000	3
216241	713 EIR	2002 Office park	625	1000	625,000	5
2002022076	616 EIR	2002 Office park	300	1000	300,000	3

2003082103	712 EIR	2005 Office park	300	1000	300,000	3
2005062017	713 EIR	2007 Office park	1500	1000	1,500,000	7
2004062119	212 EIR	2004 Office park	187.3	1000	187,300	2
2001122004	202 EIR	2003 Office park	471	1000	471,000	4
2004122128	203 ND/MND	2004 Office park	115	1000	115,000	2
2005042070	713 EIR	2007 Office park	365.6	1000	365,600	3
2002122124	202 EIR	2003 Office park	120	1000	120,000	2
221242	215 ND/MND	2002 Office park	93	1000	93,000	1
2006062053	113 EIR	2008 Office park	119.8	1000	119,800	2
2005062010	105 EIR	2005 Office park	1082	1000	1,082,000	7
229176	115 ND/MND	2002 Office park	25	1000	25,000	0
1988110816	716 EIR	2003 Office park	942.6	1000	942,600	6
2003042127	713 EIR	2005 Office park	10000	1000	10,000,000	8
2004072110	713 EIR	2005 Office park	3600	1000	3,600,000	8
2001032072	712 ND/MND	2001 Government office building	1.1	1000	1,100	0
2111279	81 EIR	2002 Government office building	345	1000	345,000	3
225221	81 ND/MND	2002 Government office building	47.7	1000	47,700	0
2004072002	212 ND/MND	2004 Government office building	14	1000	14,000	0
2004122060	607 EIR	2005 Government office building	96	1000	96,000	1
2006062119	801 ND/MND	2006 Government office building	70	1000	70,000	1
2006062120	801 ND/MND	2006 Government office building	60	1000	60,000	1
2007112074	210 ND/MND	2007 Government office building	22.5	1000	22,500	0
2008032055	614 ND/MND	2008 Government office building	19.5	1000	19,500	0
2005092123	619 ND/MND	2005 Government (civic center)	45.1	1000	45,100	0
2003072022	219 EIR	2003 Government (civic center)	189	1000	189,000	2
224247	19 ND/MND	2002 Government (civic center)	78	1000	78,000	1
224243	23 ND/MND	2002 Government (civic center)	39.3	1000	39,300	0
22829	715 ND/MND	2002 Government (civic center)	35.5	1000	35,500	0
1994113039	111 EIR	2003 Government (civic center)	15	1000	15,000	0
1998072072	501 EIR	2003 Government (civic center)	295	1000	295,000	3
2002092097	501 EIR	2003 Government (civic center)	40	1000	40,000	0
2002092039	701 EIR	2003 Government (civic center)	80	1000	80,000	1
2002094001	105 ND/MND	2003 Government (civic center)	123.2	1000	123,200	2
2003072100	212 ND/MND	2003 Government (civic center)	65.3	1000	65,300	1
2003022072	713 ND/MND	2003 Government (civic center)	26	1000	26,000	0
2004042101	101 EIR	2004 Government (civic center)	202	1000	202,000	3
1998012077	701 ND/MND	2004 Government (civic center)	20.56	1000	20,560	0
2004022029	710 ND/MND	2004 Government (civic center)	51.9	1000	51,900	1
2005112072	201 ND/MND	2005 Government (civic center)	12	1000	12,000	0
2005122090	301 ND/MND	2005 Government (civic center)	0.5	1000	500	0
2005012050	501 ND/MND	2005 Government (civic center)	10	1000	10,000	0
2004072047	601 ND/MND	2005 Government (civic center)	1.2	1000	1,200	0
2004122102	713 ND/MND	2005 Government (civic center)	50	1000	50,000	1
2006112035	208 ND/MND	2006 Government (civic center)	3.2	1000	3,200	0
2006122065	215 ND/MND	2006 Government (civic center)	71	1000	71,000	1
2006092109	217 ND/MND	2006 Government (civic center)	82	1000	82,000	1
2006012138	311 ND/MND	2006 Government (civic center)	23.9	1000	23,900	0
2007022069	712 EIR	2007 Government (civic center)	50	1000	50,000	1
2007012016	105 ND/MND	2007 Government (civic center)	19	1000	19,000	0
2007072109	201 ND/MND	2007 Government (civic center)	84	1000	84,000	1
2007052052	501 ND/MND	2007 Government (civic center)	51.7	1000	51,700	1
2006022081	605 EIR	2008 Government (civic center)	4.4	1000	4,400	0
2008072065	202 ND/MND	2008 Government (civic center)	140	1000	140,000	2
2008052070	203 ND/MND	2008 Government (civic center)	94.2	1000	94,200	1
1994043014	111 EIR	2003 Government (civic center)	15	1000	15,000	0
2002102110	712 EIR	2003 Government (civic center)	12	1000	12,000	0
22328	712 EIR	2002 Government (civic center)	27	1000	27,000	0
224285	712 EIR	2002 Government (civic center)	17	1000	17,000	0
2002112048	501 EIR	2003 Government (civic center)	5.4	1000	5,400	0
228914	217 EIR	2002 Government (civic center)	67	1000	67,000	1
2004092125	402 ND/MND	2004 Government (civic center)	8.7	1000	8,700	0
2004112108	712 EIR	2006 Government (civic center)	113	1000	113,000	2
2005012077	203 EIR	2005 Government (civic center)	12	1000	12,000	0
2000052070	111 EIR	2004 Government office building	43	1000	43,000	0
218284	51 EIR	2002 Government (civic center)	351.5	1000	351,500	3
2007042022	219 EIR	2007 Government (civic center)	110	1000	110,000	2
1988110816	716 EIR	2003 Government (civic center)	12.2	1000	12,200	0
218284	51 EIR	2002 Government office building	16	1000	16,000	0
2006052107	404 ND/MND	2006 Pharmacy/drugstore with drive through	15.6	1000	15,600	0
2007042075	614 ND/MND	2007 Pharmacy/drugstore with drive through	14	1000	14,000	0
219262	65 EIR	2002 Pharmacy/drugstore with drive through	16.6	1000	16,600	0
22423	44 ND/MND	2002 Pharmacy/drugstore without drive through	17.2	1000	17,200	0
2005112032	204 ND/MND	2005 Pharmacy/drugstore without drive through	14	1000	14,000	0
2006122073	214 ND/MND	2006 Pharmacy/drugstore with drive through	14.8	1000	14,800	0
2111271	712 EIR	2002 Pharmacy/drugstore with drive through	4	1000	4,000	0
2002092050	616 EIR	2003 Hospital (units in beds)	192	822	157,824	2
2005012083	616 EIR	2007 Hospital (units in beds)	167	822	137,274	2
229244	41 ND/MND	2002 Hospital (units in beds)	26	822	21,372	0
2002012080	101 EIR	2003 Hospital (units in beds)	420	822	345,240	3
2004072138	801 ND/MND	2004 Hospital (units in beds)	25	822	20,550	0
2004072067	501 EIR	2005 Hospital (units in beds)	210	822	172,620	2
2004122145	401 ND/MND	2005 Hospital (units in beds)	56	822	46,032	0
2004122131	905 ND/MND	2005 Hospital (units in beds)	82	822	67,404	1
2006102022	901 ND/MND	2006 Hospital (units in beds)	18	822	14,796	0
2003122003	301 EIR	2007 Hospital (units in beds)	1408	822	1,157,376	7
2007069036	105 ND/MND	2007 Hospital (units in beds)	100	822	82,200	1
2006052071	801 ND/MND	2007 Hospital (units in beds)	1570	822	1,290,540	7
2007082023	501 EIR	2008 Hospital (units in beds)	284	822	233,448	3
2008012075	501 EIR	2008 Hospital (units in beds)	570	822	468,540	4
1122098	704 ND/MND	2000 Hospital (units in beds)	120	822	98,640	1
2004122126	905 EIR	2005 Hospital (units in beds)	61	822	50,142	1
2003072005	605 EIR	2005 Hospital (units in sqft)	40	1000	40,000	0
2004042075	711 EIR	2004 Hospital (units in sqft)	250	1000	250,000	3
2004102016	701 ND/MND	2004 Hospital (units in sqft)	44	1000	44,000	0
2006042173	401 ND/MND	2006 Hospital (units in sqft)	24	1000	24,000	0
2008042023	805 ND/MND	2008 Hospital (units in sqft)	125	1000	125,000	2
2006082133	205 EIR	2007 Hospital (units in sqft)	174	1000	174,000	2
2004082131	708 EIR	2004 Hospital (units in sqft)	60	1000	60,000	1
2003112067	401 ND/MND	2003 Warehouse	42.3	1000	42,300	0
2006082019	901 ND/MND	2006 Warehouse	137.5	1000	137,500	2
22128	19 ND/MND	2002 Warehouse	155.7	1000	155,700	2
227271	212 ND/MND	2002 Warehouse	16	1000	16,000	0
221279	212 ND/MND	2002 Warehouse	95.4	1000	95,400	1
221295	31 ND/MND	2002 Warehouse	33	1000	33,000	0
222218	91 ND/MND	2002 Warehouse	23	1000	23,000	0
223215	91 ND/MND	2002 Warehouse	12	1000	12,000	0
224251	91 ND/MND	2002 Warehouse	581	1000	581,000	4
2003102081	212 ND/MND	2003 Warehouse	50.4	1000	50,400	1
2005062135	803 ND/MND	2005 Warehouse	1100	1000	1,100,000	7
2006052127	908 EIR	2006 Warehouse	65	1000	65,000	1
2006092098	219 ND/MND	2006 Warehouse	11.2	1000	11,200	0
2006072115	401 ND/MND	2006 Warehouse	36.5	1000	36,500	0
2007112003	217 ND/MND	2007 Warehouse	41.2	1000	41,200	0
2007072101	402 ND/MND	2007 Warehouse	718	1000	718,000	5

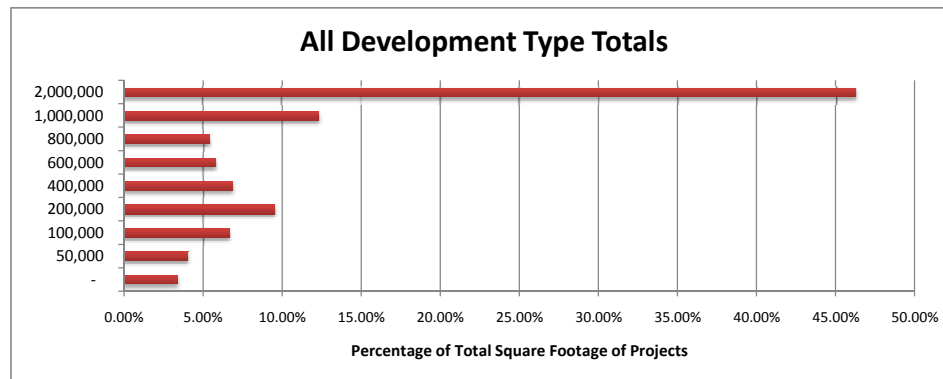
221242	215 ND/MND	2002 Warehouse	192	1000	192,000	2
2006092073	802 ND/MND	2006 Warehouse	25	1000	25,000	0
2005052090	608 ND/MND	2005 Manufacturing	16	1000	16,000	0
2006099009	401 ND/MND	2006 Manufacturing	72.5	1000	72,500	1
2006092073	802 ND/MND	2006 Manufacturing	4	1000	4,000	0
2001022079	802 EIR	2007 General light industry (units in acres)	280		6,098,400	8
19941237	51 EIR	2002 General light industry (units in acres)	1		21,780	0
224231	11 ND/MND	2002 General light industry (units in acres)	1.3		28,314	0
2278381	17 ND/MND	2002 General light industry (units in acres)	13		283,140	3
226217	114 ND/MND	2002 General light industry (units in acres)	21		457,380	4
221222	44 ND/MND	2002 General light industry (units in acres)	13.8		300,564	3
226259	91 ND/MND	2002 General light industry (units in acres)	3.5		76,230	1
225272	98 ND/MND	2002 General light industry (units in acres)	22.8		496,584	4
225273	98 ND/MND	2002 General light industry (units in acres)	27.3		594,594	4
2003102115	201 ND/MND	2003 General light industry (units in acres)	45		980,100	6
2004032018	801 ND/MND	2004 General light industry (units in acres)	1		21,780	0
2005122038	101 ND/MND	2005 General light industry (units in acres)	0.5		10,890	0
2005042016	201 ND/MND	2005 General light industry (units in acres)	10		217,800	3
2005102077	202 ND/MND	2005 General light industry (units in acres)	10		217,800	3
2005022013	212 ND/MND	2005 General light industry (units in acres)	5.3		115,434	2
2005038298	212 ND/MND	2005 General light industry (units in acres)	1		21,780	0
2005092029	801 ND/MND	2005 General light industry (units in acres)	1.5		32,670	0
2006012092	111 EIR	2006 General light industry (units in acres)	60		1,306,800	7
2001112092	305 EIR	2006 General light industry (units in acres)	16.8		365,904	3
2006072064	101 ND/MND	2006 General light industry (units in acres)	44		958,320	6
2006012066	801 ND/MND	2006 General light industry (units in acres)	2		43,560	0
2006052081	801 ND/MND	2006 General light industry (units in acres)	2		43,560	0
2006042069	803 ND/MND	2006 General light industry (units in acres)	30		653,400	5
2006032126	101 ND/MND	2007 General light industry (units in acres)	4		87,120	1
2007032058	201 ND/MND	2007 General light industry (units in acres)	0.1		2,178	0
2006072044	301 ND/MND	2007 General light industry (units in acres)	19.3		420,354	4
2006042096	608 ND/MND	2006 General light industry (units in acres)	1		21,780	0
2005022140	201 ND/MND	2005 General light industry (units in acres)	6.7		145,926	2
2182112	81 EIR	2002 General light industry (units in employees)	1	450	450	0
1992113035	801 EIR	2004 General light industry (units in employees)	10	450	4,500	0
2004032034	801 ND/MND	2004 General light industry (units in employees)	25	450	11,250	0
2004072037	801 EIR	2005 General light industry (units in employees)	10	450	4,500	0
2005102020	401 ND/MND	2005 General light industry (units in employees)	30	450	13,500	0
2006022037	801 ND/MND	2006 General light industry (units in employees)	10	450	4,500	0
2006012017	801 EIR	2007 General light industry (units in employees)	10	450	4,500	0
2007102072	201 ND/MND	2007 General light industry (units in sqft)	160	1000	160,000	2
22825	111 ND/MND	2002 General light industry (units in sqft)	61	1000	61,000	1
221126	31 ND/MND	2002 General light industry (units in sqft)	28	1000	28,000	0
2003012029	201 ND/MND	2003 General light industry (units in sqft)	98.4	1000	98,400	1
2003082046	201 ND/MND	2003 General light industry (units in sqft)	28.1	1000	28,100	0
1998122015	220 ND/MND	2003 General light industry (units in sqft)	2.9	1000	2,900	0
1992123077	301 ND/MND	2003 General light industry (units in sqft)	30	1000	30,000	0
2003122107	301 ND/MND	2003 General light industry (units in sqft)	0.2	1000	200	0
2003022075	901 ND/MND	2003 General light industry (units in sqft)	14	1000	14,000	0
2003062082	901 ND/MND	2003 General light industry (units in sqft)	200	1000	200,000	3
2004072062	301 ND/MND	2004 General light industry (units in sqft)	12.4	1000	12,400	0
2004032130	901 ND/MND	2004 General light industry (units in sqft)	81	1000	81,000	1
2004072096	905 ND/MND	2004 General light industry (units in sqft)	35.7	1000	35,700	0
2003062137	405 EIR	2005 General light industry (units in sqft)	12	1000	12,000	0
2005082100	101 ND/MND	2005 General light industry (units in sqft)	1	1000	1,000	0
2005062145	107 ND/MND	2005 General light industry (units in sqft)	2.3	1000	2,300	0
2005112103	201 ND/MND	2005 General light industry (units in sqft)	3	1000	3,000	0
2005122093	301 ND/MND	2005 General light industry (units in sqft)	1.6	1000	1,600	0
2005102084	401 ND/MND	2005 General light industry (units in sqft)	2	1000	2,000	0
2005012118	612 ND/MND	2005 General light industry (units in sqft)	96.5	1000	96,500	1
2006042102	101 ND/MND	2006 General light industry (units in sqft)	0.7	1000	700	0
2006082146	104 ND/MND	2006 General light industry (units in sqft)	66.8	1000	66,800	1
2006042105	201 ND/MND	2006 General light industry (units in sqft)	20.1	1000	20,100	0
2006042093	608 ND/MND	2006 General light industry (units in sqft)	38.9	1000	38,900	0
2000102046	104 EIR	2007 General light industry (units in sqft)	660	1000	660,000	5
2006032115	111 EIR	2007 General light industry (units in sqft)	300.7	1000	300,700	3
2007082152	218 ND/MND	2007 General light industry (units in sqft)	45.1	1000	45,100	0
2007032019	402 ND/MND	2007 General light industry (units in sqft)	4.8	1000	4,800	0
2008042109	616 ND/MND	2008 General light industry (units in sqft)	2.9	1000	2,900	0
2003122009	108 EIR	2004 General light industry (units in sqft)	390	1000	390,000	3
2007022038	901 ND/MND	2007 General light industry (units in sqft)	1.8	1000	1,800	0
2005042146	107 EIR	2006 General light industry (units in sqft)	88	1000	88,000	1
2004092011	212 EIR	2008 General light industry (units in sqft)	166.4	1000	166,400	2
2006062067	901 ND/MND	2006 General light industry (units in sqft)	6.8	1000	6,800	0
214261	23 EIR	2002 Industrial park (units in acres)	28.8		627,264	5
22229	25 ND/MND	2002 Industrial park (units in acres)	7		152,460	2
2006042023	214 ND/MND	2006 Industrial park (units in acres)	11.7		254,826	3
2000082091	217 EIR	2004 Industrial park (units in sqft)	250	1000	250,000	3
2005022012	215 ND/MND	2005 Industrial park (units in sqft)	326	1000	326,000	3
2008052135	311 ND/MND	2008 Industrial park (units in sqft)	57.1	1000	57,100	1
22426	81 ND/MND	2002 General heavy industry (units in acres)	1.7		37,026	0
1997032020	110 ND/MND	2003 General heavy industry (units in acres)	7		152,460	2
2002112026	101 EIR	2004 General heavy industry (units in acres)	40		871,200	6
2000072063	901 EIR	2004 General heavy industry (units in acres)	114		2,482,920	8
2004062049	905 ND/MND	2004 General heavy industry (units in acres)	1		21,780	0
2001102104	701 EIR	2005 General heavy industry (units in acres)	5.6		121,968	2
2005092028	201 EIR	2006 General heavy industry (units in acres)	25		544,500	4
2006102025	501 EIR	2006 General heavy industry (units in acres)	1		21,780	0
1987070103	215 ND/MND	2006 General heavy industry (units in acres)	15.6		339,768	3
2006112036	501 ND/MND	2006 General heavy industry (units in acres)	1		21,780	0
2007082142	801 ND/MND	2007 General heavy industry (units in acres)	50		1,089,000	7
2007042059	901 ND/MND	2007 General heavy industry (units in acres)	17.5		381,150	3
2007082015	901 ND/MND	2007 General heavy industry (units in acres)	1		21,780	0
2003032112	801 EIR	2008 General heavy industry (units in acres)	260		5,662,800	8
2004092099	901 EIR	2008 General heavy industry (units in acres)	70		1,524,600	7
2006092018	613 ND/MND	2008 General heavy industry (units in acres)	1		21,780	0
221219	215 ND/MND	2002 General heavy industry (units in sqft)	44	1000	44,000	0
225282	215 ND/MND	2002 General heavy industry (units in sqft)	4.5	1000	4,500	0
2003022096	616 ND/MND	2003 General heavy industry (units in sqft)	28	1000	28,000	0
1989082209	215 EIR	2006 General heavy industry (units in sqft)	118	1000	118,000	2
2006112050	111 EIR	2007 General heavy industry (units in sqft)	22.8	1000	22,800	0
2007022071	713 EIR	2007 General heavy industry (units in sqft)	200	1000	200,000	3
2007092028	215 ND/MND	2007 General heavy industry (units in sqft)	352	1000	352,000	3
					Total	441,531,155
					Average Absorption (2002-2008)	73,588,526
					Average Project Size	256,257
					Standard Deviation	1,453,300

All Development Type Totals		Categories				
Size	Size Category	Number of Qualifying Projects	Percentage of Total Projects	Project Square Footage	Percentage of Total Square Footage	
-	0	927	53.8%	14,904,959	3.38%	
50,000	1	251	14.6%	17,793,314	4.03%	
100,000	2	200	11.6%	29,102,336	6.59%	
200,000	3	149	8.6%	41,906,440	9.49%	
400,000	4	61	3.5%	30,119,436	6.82%	
600,000	5	37	2.1%	25,508,464	5.78%	
800,000	6	26	1.5%	23,619,620	5.35%	
1,000,000	7	38	2.2%	54,357,066	12.31%	
2,000,000	8	34	2.0%	204,219,520	46.25%	
		1723	100%		100%	

Size Category
0
Size Category
1
Size Category
2
Size Category
3
Size Category
4
Size Category
5
Size Category
6
Size Category
7
Size Category
8



Percentile	
0.10	3,600
0.20	7,200
0.30	14,000
0.40	24,640
0.50	42,600
0.60	65,060
0.70	109,880
0.80	199,220
0.90	460,000



All Development Type Totals	Projections by Building Size (Square Feet)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	1,288,217	1,465,900	1,482,390	1,420,057	1,438,691	1,464,414	1,475,149	1,491,994	1,510,358	1,528,790	1,561,096
	1,537,854	1,749,969	1,769,655	1,695,243	1,717,488	1,748,196	1,761,011	1,781,120	1,803,043	1,825,046	1,863,612
	2,515,279	2,862,209	2,894,407	2,772,700	2,809,084	2,859,309	2,880,269	2,913,159	2,949,015	2,985,003	3,048,082
	3,621,923	4,121,490	4,167,854	3,992,600	4,044,991	4,117,314	4,147,496	4,194,857	4,246,489	4,298,310	4,389,141
	2,603,186	2,962,240	2,995,564	2,869,603	2,907,258	2,959,239	2,980,932	3,014,971	3,052,081	3,089,327	3,154,609
	2,204,665	2,508,752	2,536,974	2,430,297	2,462,187	2,506,210	2,524,582	2,553,411	2,584,839	2,616,383	2,671,671
	2,041,415	2,322,985	2,349,117	2,250,339	2,279,868	2,320,631	2,337,642	2,364,336	2,393,438	2,422,646	2,473,840
	4,698,015	5,346,006	5,406,146	5,178,823	5,246,780	5,340,590	5,379,739	5,441,171	5,508,143	5,575,361	5,693,178
	17,650,444	20,084,949	20,310,892	19,456,839	19,712,153	20,064,597	20,211,681	20,442,481	20,694,095	20,946,634	21,389,271
Total	38,161,000	43,424,500	43,913,000	42,066,500	42,618,500	43,380,500	43,698,500	44,197,500	44,741,500	45,287,500	46,244,500
Check	38,161,000	43,424,500	43,913,000	42,066,500	42,618,500	43,380,500	43,698,500	44,197,500	44,741,500	45,287,500	46,244,500

All Development Type Totals	Projections by Building Size (Number of Projects)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	80	91	92	88	89	91	92	93	94	95	97
	22	25	25	24	24	25	25	25	25	26	26
	17	20	20	19	19	20	20	20	20	21	21
	13	15	15	14	14	15	15	15	15	15	16
	5	6	6	6	6	6	6	6	6	6	6
	3	4	4	4	4	4	4	4	4	4	4
	2	3	3	2	3	3	3	3	3	3	3
	3	4	4	4	4	4	4	4	4	4	4
	3	3	3	3	3	3	3	3	3	3	4
	148	171	172	164	166	171	172	173	174	177	181

All Development Type Totals	Projections by Building Size (Average Size of Project)										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	16,103	16,109	16,113	16,137	16,165	16,092	16,034	16,043	16,068	16,093	16,094
	69,902	69,999	70,786	70,635	71,562	69,928	70,440	71,245	72,122	70,194	71,677
	147,958	143,110	144,720	145,932	147,847	142,965	144,013	145,658	147,451	142,143	145,147
	278,609	274,766	277,857	285,186	288,928	274,488	276,500	279,657	283,099	286,554	274,321
	520,637	493,707	499,261	478,267	484,543	493,206	496,822	502,495	508,680	514,888	525,768
	734,888	627,188	634,244	607,574	615,547	626,553	631,146	638,353	646,210	654,096	667,918
	1,020,707	774,328	783,039	1,125,169	759,956	773,544	779,214	788,112	797,813	807,549	824,613
	1,566,005	1,336,502	1,351,536	1,294,706	1,311,695	1,335,147	1,344,935	1,360,293	1,377,036	1,393,840	1,423,294
	5,883,481	6,694,983	6,770,297	6,485,613	6,570,718	6,688,199	6,737,227	6,814,160	6,898,032	6,982,211	5,347,318

271 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
272 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
273 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
274 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
275 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
276 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
277 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
278 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
279 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
280 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
281 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
282 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
283 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
284 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
285 High Turnover (sit-down) Restaurant	8,000	1.288	1.817	2.377	0.449	1,291.856
286 Hotel	26,766	0.643	0.857	1.020	0.194	640.794
287 Hotel	60,457	1.453	1.935	2.303	0.438	1,447.350
288 Hotel	78,376	1.884	2.509	2.986	0.568	1,876.336
289 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
290 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
291 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
292 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
293 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
294 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
295 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
296 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
297 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
298 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
299 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
300 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
301 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
302 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
303 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
304 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
305 Strip Mall	14,180	0.785	1.102	1.411	0.271	787.197
306 Strip Mall	52,275	2.893	4.063	5.202	1.000	2,902.010
307 Strip Mall	52,275	2.893	4.063	5.202	1.000	2,902.010
308 Strip Mall	104,513	5.785	8.123	10.400	2.000	5,801.977
309 Strip Mall	167,074	9.247	12.985	16.625	3.197	9,274.991
310 Supermarket	22,216	2.833	4.056	5.268	1.007	2,871.400
311 Supermarket	22,216	2.833	4.056	5.268	1.007	2,871.400
312 Supermarket	22,216	2.833	4.056	5.268	1.007	2,871.400
313 Supermarket	22,216	2.833	4.056	5.268	1.007	2,871.400
314 Supermarket	22,216	2.833	4.056	5.268	1.007	2,871.400
315 Supermarket	65,306	8.328	11.924	15.485	2.959	8,440.740
316 Supermarket	65,306	8.328	11.924	15.485	2.959	8,440.740
317 Supermarket	65,306	8.328	11.924	15.485	2.959	8,440.740
318 Convenience Market (24 Hour)	10,000	9.059	13.057	17.123	3.264	9,196.556
319 General Office Building	13,889	0.240	0.312	0.389	0.075	229.995
320 General Office Building	13,889	0.240	0.312	0.389	0.075	229.995
321 General Office Building	13,889	0.240	0.312	0.389	0.075	229.995
322 General Office Building	13,889	0.240	0.312	0.389	0.075	229.995
323 General Office Building	13,889	0.240	0.312	0.389	0.075	229.995
324 General Office Building	13,889	0.240	0.312	0.389	0.075	229.995
325 General Office Building	13,889	0.240	0.312	0.389	0.075	229.995
326 General Office Building	13,889	0.240	0.312	0.389	0.075	229.995
327 General Office Building	68,656	1.189	1.544	1.923	0.370	1,136.897
328 General Office Building	68,656	1.189	1.544	1.923	0.370	1,136.897
329 General Office Building	68,656	1.189	1.544	1.923	0.370	1,136.897
330 General Office Building	125,467	2.172	2.822	3.515	0.676	2,077.668
331 General Office Building	125,467	2.172	2.822	3.515	0.676	2,077.668
332 General Office Building	212,759	3.683	4.785	5.960	1.146	3,523.163
333 General Office Building	212,759	3.683	4.785	5.960	1.146	3,523.163
334 General Office Building	376,831	6.523	8.475	10.556	2.029	6,240.114
335 Government Office Building	18,994	1.691	2.387	3.108	0.594	1,696.045
336 Government Office Building	18,994	1.691	2.387	3.108	0.594	1,696.045
337 Government Office Building	18,994	1.691	2.387	3.108	0.594	1,696.045
338 Government Office Building	18,994	1.691	2.387	3.108	0.594	1,696.045
339 Government Office Building	18,994	1.691	2.387	3.108	0.594	1,696.045
340 Government Office Building	18,994	1.691	2.387	3.108	0.594	1,696.045
341 Government Office Building	70,203	6.248	8.824	11.486	2.195	6,268.769
342 Government Office Building	70,203	6.248	8.824	11.486	2.195	6,268.769
343 Government Office Building	70,203	6.248	8.824	11.486	2.195	6,268.769
344 Government Office Building	135,289	12.041	17.005	22.135	4.230	12,080.696
345 Government Office Building	239,141	21.285	30.058	39.127	7.477	21,354.132
346 Pharmacy/Drugstore without drive-through	13,500	1.552	2.210	2.868	0.550	1,560.154
347 Pharmacy/Drugstore without drive-through	13,500	1.552	2.210	2.868	0.550	1,560.154
348 Pharmacy/Drugstore without drive-through	13,500	1.552	2.210	2.868	0.550	1,560.154
349 Pharmacy/Drugstore without drive-through	13,500	1.552	2.210	2.868	0.550	1,560.154
350 Hospital	30,528	0.772	1.042	1.322	0.253	756.157
351 Hospital	51,913	1.314	1.772	2.249	0.430	1,285.864
352 Hospital	111,062	2.810	3.791	4.811	0.920	2,750.932
353 Warehouse	25,912	0.220	0.245	0.297	0.057	180.486
354 Warehouse	25,912	0.220	0.245	0.297	0.057	180.486
355 Warehouse	25,912	0.220	0.245	0.297	0.057	180.486
356 Warehouse	25,912	0.220	0.245	0.297	0.057	180.486
357 Warehouse	25,912	0.220	0.245	0.297	0.057	180.486
358 Warehouse	87,635	0.746	0.827	1.004	0.193	610.405
359 Warehouse	87,635	0.746	0.827	1.004	0.193	610.405
360 Warehouse	241,594	2.055	2.281	2.767	0.531	1,682.776
361 Warehouse	1,256,768	10.692	11.867	14.393	2.761	8,753.766
362 General Light Industry	17,310	0.210	0.252	0.319	0.061	184.708
363 General Light Industry	17,310	0.210	0.252	0.319	0.061	184.708
364 General Light Industry	17,310	0.210	0.252	0.319	0.061	184.708
365 General Light Industry	63,132	0.767	0.919	1.163	0.221	673.650
366 General Light Industry	275,414	3.346	4.008	5.075	0.966	2,938.780

2010 Summary by Urbemis Category

	1	2	3	4	5	6	7	8	9	10	11
	Single Family Housing	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel
Projects											
-	28	3	1	-	8	14	22	1	6	137	1
50,000	6	1	2	1	2	2	5	-	1	-	1
100,000	3	1	3	1	2	11	2	-	1	-	1
200,000	4	-	2	2	2	-	1	-	-	-	-
400,000	1	-	1	1	-	-	-	-	-	-	-
600,000	1	-	-	1	-	-	-	-	-	-	-
800,000	1	-	-	-	-	-	-	-	-	-	-
1,000,000	1	-	-	1	-	-	-	-	-	-	-
2,000,000	2	-	-	-	-	-	-	-	-	-	-
Total	47	5	9	7	14	27	30	1	8	137	3
Average Project Size											
-	13,455	16,489	31,764	-	20,551	6,363	5,843	14,788	20,173	8,000	26,766
50,000	67,423	54,231	92,314	82,465	69,347	18,738	19,001	-	75,340	-	60,457
100,000	171,400	77,515	164,737	227,544	140,138	50,768	36,421	-	84,620	-	78,376
200,000	280,559	-	334,340	233,499	283,888	-	38,604	-	-	-	-
400,000	595,752	-	669,381	318,561	-	-	-	-	-	-	-
600,000	782,971	-	-	519,227	-	-	-	-	-	-	-
800,000	919,814	-	-	-	-	-	-	-	-	-	-
1,000,000	1,546,436	-	-	1,519,808	-	-	-	-	-	-	-
2,000,000	5,157,655	-	-	-	-	-	-	-	-	-	-

2010 Summary of Pollutants by Urbemis Category

	Avg Size (sf)	ROG (tons/yr)	Nox (tons/yr)	PM ¹⁰ (tons/yr)	PM ^{2.5} (tons/yr)	CO ₂ (tons/yr)	8	9	10	11	12
							ROG (tons/sf/yr)	Nox (tons/sf/yr)	PM ¹⁰ (tons/sf/yr)	PM ^{2.5} (tons/sf/yr)	CO ₂ (tons/sf/yr)
Single Family Housing	355,849	6.57	4.38	5.74	1.61	3,438.14	0.0000185	0.0000123	0.0000161	0.0000045	0.0096618
Apartments Low Rise	173,563	5.56	3.22	4.46	1.38	2,512.32	0.0000320	0.0000186	0.0000257	0.0000080	0.0144750
Apartments Mid Rise	298,664	9.00	4.72	6.61	2.17	3,740.91	0.0000301	0.0000158	0.0000221	0.0000073	0.0125255
Apartments High Rise	456,774	13.43	6.73	9.44	3.19	5,366.30	0.0000294	0.0000147	0.0000207	0.0000070	0.0117483
Condo/Townhouse General + High Rise	115,870	3.71	2.15	2.98	0.92	1,674.97	0.0000320	0.0000186	0.0000257	0.0000079	0.0144556
Congregate Care (Assisted Living) Facility	63,183	1.51	0.43	0.65	0.32	386.63	0.0000239	0.0000068	0.0000103	0.0000051	0.0061192
Elementary School	61,124	1.31	1.75	2.16	0.41	1,289.98	0.0000214	0.0000286	0.0000353	0.0000067	0.0211044
University/College (4 years)	120,866	5.74	5.78	7.32	1.40	4,180.58	0.0000475	0.0000478	0.0000606	0.0000116	0.0345886
Place of Worship	37,994	0.52	0.68	0.81	0.15	512.43	0.0000137	0.0000179	0.0000213	0.0000039	0.0134870
High Turnover (sit-down) Restaurant	8,011	1.29	1.82	2.38	0.45	1,293.65	0.0001610	0.0002272	0.0002971	0.0000562	0.1614820
Hotel	95,283	2.29	3.05	3.63	0.69	2,281.08	0.0000240	0.0000320	0.0000381	0.0000072	0.0239402
Free-Standing Discount Store	244,293	17.35	24.61	31.74	6.06	17,531.39	0.0000710	0.0001007	0.0001299	0.0000248	0.0717638
Strip Mall	33,967	1.88	2.64	3.38	0.65	1,885.65	0.0000553	0.0000777	0.0000995	0.0000191	0.0555142
Supermarket	37,956	4.84	6.93	9.00	1.72	4,905.69	0.0001275	0.0001826	0.0002371	0.0000453	0.1292483
Convenience Market (24 Hour)	7,230	6.55	9.44	12.38	2.36	6,649.11	0.0009059	0.0013057	0.0017123	0.0003264	0.9196556
General Office Building	146,725	2.54	3.30	4.11	0.79	2,429.69	0.0000173	0.0000225	0.0000280	0.0000054	0.0165594
Office Park	1,407,436	25.79	33.76	42.28	8.09	24,904.90	0.0000183	0.0000240	0.0000300	0.0000057	0.0176952
Government Office Building	64,603	5.75	8.12	10.57	2.02	5,768.74	0.0000890	0.0001257	0.0001636	0.0000313	0.0892953
Pharmacy/Drugstore without drive-through	13,743	1.58	2.25	2.92	0.56	1,588.22	0.0001150	0.0001637	0.0002125	0.0000407	0.1155669
Hospital	220,913	5.59	7.54	9.57	1.83	5,471.88	0.0000253	0.0000341	0.0000433	0.0000083	0.0247694
Warehouse	213,930	1.82	2.02	2.45	0.47	1,490.09	0.0000085	0.0000094	0.0000115	0.0000022	0.0069653
General Light Industry	245,308	2.98	3.57	4.52	0.86	2,617.54	0.0000121	0.0000146	0.0000184	0.0000035	0.0106704
General Heavy Industry	612,417	2.88	2.16	2.68	0.51	1,627.16	0.0000047	0.0000035	0.0000044	0.0000008	0.0026569

Single Family Housing	198 units
Apartments Low Rise	204 units
Apartments Mid Rise	351 units
Apartments High Rise	537 units
Condo/Townhouse General + High Rise	136 units
Congregate Care (Assisted Living) Facility	74 units
University/College (4 years)	1,314 students
Hotel	191 rooms

2010 Summary of Pollutant Load by Urbemis Category

	ROG (tons/yr)	Nox (tons/yr)	PM ¹⁰ (tons/yr)	PM ^{2.5} (tons/yr)	CO ₂ (tons/yr)
Single Family Housing	306.08	204.05	267.41	75.01	160,173.03
Apartments Low Rise	5.81	3.36	4.66	1.44	2,623.05
Apartments Mid Rise	61.73	32.38	45.34	14.88	25,660.53
Apartments High Rise	92.16	46.18	64.78	21.89	36,826.15
Condo/Townhouse General + High Rise	36.86	21.36	29.61	9.14	16,640.63
Congregate Care (Assisted Living) Facility	16.37	4.66	7.05	3.47	4,191.64
Elementary School	7.18	9.59	11.84	2.25	7,069.98
University/College (4 years)	0.70	0.71	0.90	0.17	511.49
Place of Worship	3.85	5.03	5.99	1.11	3,789.85
High Turnover (sit-down) Restaurant	176.48	248.99	325.61	61.56	176,984.24
Hotel	3.98	5.30	6.31	1.20	3,964.48
Free-Standing Discount Store	-	-	-	-	-
Strip Mall	34.16	47.97	61.42	11.81	34,263.33
Supermarket	39.15	56.05	72.80	13.91	39,679.22
Convenience Market (24 Hour)	9.06	13.06	17.12	3.26	9,196.56
General Office Building	23.72	30.82	38.39	7.38	22,692.42
Office Park	-	-	-	-	-
Government Office Building	62.21	87.86	114.37	21.86	62,417.40
Pharmacy/Drugstore without drive-through	6.21	8.84	11.47	2.20	6,240.61
Hospital	4.90	6.60	8.38	1.60	4,792.95
Warehouse	15.34	17.03	20.65	3.96	12,559.78
General Light Industry	4.74	5.68	7.19	1.37	4,166.55
General Heavy Industry	-	-	-	-	-
TOTAL					634,443.91

Urbemis Code

Single Family Housing	Urbemis Code
Apartments Low Rise	Urbemis Code
Apartments Mid Rise	Urbemis Code
Apartments High Rise	Urbemis Code
Condo/Townhouse General + High Rise	Urbemis Code
Congregate Care (Assisted Living) Facility	Urbemis Code
Elementary School	Urbemis Code
University/College (4 years)	Urbemis Code
Place of Worship	Urbemis Code
High Turnover (sit-down) Restaurant	Urbemis Code
Hotel	Urbemis Code
Free-Standing Discount Store	Urbemis Code
Strip Mall	Urbemis Code
Supermarket	Urbemis Code
Convenience Market (24 Hour)	Urbemis Code
General Office Building	Urbemis Code
Office Park	Urbemis Code
Government Office Building	Urbemis Code
Pharmacy/Drugstore without drive-through	Urbemis Code
Hospital	Urbemis Code
Warehouse	Urbemis Code
General Light Industry	Urbemis Code
General Heavy Industry	Urbemis Code

2015 Summary by Urbemis Category

	1	2	3	4	5	6	7	8	9	10	11
	Single Family Housing	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel
Projects											
-	33	3	1	-	9	16	24	1	6	148	2
50,000	7	1	3	1	2	2	5	-	1	-	1
100,000	4	1	4	2	2	12	2	-	1	-	1
200,000	5	-	3	2	2	-	1	-	-	-	-
400,000	1	-	2	1	-	-	-	-	-	-	-
600,000	1	-	-	1	-	-	-	-	-	-	-
800,000	1	-	-	-	-	-	-	-	-	-	-
1,000,000	1	-	-	1	-	-	-	-	-	-	-
2,000,000	2	-	-	-	-	-	-	-	-	-	-
Total	55	5	13	8	15	30	32	1	8	148	4
Average Project Size											
-	13,524	18,704	34,976	-	21,018	6,063	5,820	15,638	22,471	8,020	14,288
50,000	68,459	61,516	67,765	90,804	79,786	20,406	20,646	-	83,920	-	64,545
100,000	152,278	87,927	136,045	125,275	161,234	50,681	39,574	-	94,256	-	83,676
200,000	265,876	-	245,430	257,108	326,624	-	41,945	-	-	-	-
400,000	705,717	-	368,531	350,771	-	-	-	-	-	-	-
600,000	927,493	-	-	571,726	-	-	-	-	-	-	-
800,000	1,089,595	-	-	-	-	-	-	-	-	-	-
1,000,000	1,831,881	-	-	1,673,475	-	-	-	-	-	-	-
2,000,000	6,109,665	-	-	-	-	-	-	-	-	-	-

2015 Summary of Pollutants by Urbemis Category

	Avg Size (sf)	ROG (tons/yr)	Nox (tons/yr)	PM ¹⁰ (tons/yr)	PM ^{2.5} (tons/yr)	CO ₂ (tons/yr)	8 (tons/sf/yr)	9 (Nox (tons/sf/yr) (tons/sf/yr)	10 (tons/sf/yr)	11 (tons/sf/yr)	12 (CO ₂ (tons/sf/yr)
Single Family Housing	355,849	5.52	2.96	5.74	1.61	3,431.84	0.0000155	0.0000083	0.0000161	0.0000045	0.0096441
Apartments Low Rise	173,563	4.76	2.16	4.45	1.38	2,507.64	0.0000274	0.0000124	0.0000256	0.0000080	0.0144480
Apartments Mid Rise	298,664	7.84	3.20	6.60	2.16	3,734.18	0.0000263	0.0000107	0.0000221	0.0000072	0.0125030
Apartments High Rise	456,774	10.01	3.90	8.01	2.70	4,550.36	0.0000219	0.0000085	0.0000175	0.0000059	0.0099620
Condo/Townhouse General + High Rise	115,870	3.18	1.44	2.97	0.92	1,671.84	0.0000274	0.0000124	0.0000256	0.0000079	0.0144286
Congregate Care (Assisted Living) Facility	63,183	1.41	0.32	0.65	0.32	386.13	0.0000223	0.0000051	0.0000103	0.0000051	0.0061113
Elementary School	61,124	0.88	1.15	2.16	0.41	1,289.85	0.0000144	0.0000188	0.0000353	0.0000067	0.0211023
University/College (4 years)	120,866	3.95	3.73	7.30	1.39	4,171.57	0.0000327	0.0000309	0.0000604	0.0000115	0.0345140
Place of Worship	37,994	0.36	0.46	0.80	0.15	511.44	0.0000095	0.0000121	0.0000211	0.0000039	0.0134610
High Turnover (sit-down) Restaurant	8,011	0.83	1.15	2.38	0.45	1,290.72	0.0001036	0.0001436	0.0002971	0.0000562	0.1611162
Hotel	95,283	1.55	2.04	3.64	0.69	2,288.59	0.0000163	0.0000214	0.0000382	0.0000072	0.0240190
Free-Standing Discount Store	244,293	11.21	15.70	31.69	6.02	17,492.28	0.0000459	0.0000643	0.0001297	0.0000246	0.0716037
Strip Mall	33,967	1.22	1.69	3.38	0.64	1,881.48	0.0000359	0.0000498	0.0000995	0.0000188	0.0553915
Supermarket	37,956	3.11	4.40	8.99	1.71	4,894.60	0.0000819	0.0001159	0.0002369	0.0000451	0.1289561
Convenience Market (24 Hour)	7,230	4.18	5.96	12.35	2.35	6,633.86	0.0005781	0.0008243	0.0017082	0.0003250	0.9175463
General Office Building	146,725	1.71	2.15	4.10	0.78	2,424.63	0.0000117	0.0000147	0.0000279	0.0000053	0.0165249
Office Park	1,407,436	17.26	21.93	42.21	8.03	24,852.96	0.0000123	0.0000156	0.0000300	0.0000057	0.0176583
Government Office Building	64,603	3.70	5.16	10.55	2.00	5,755.72	0.0000573	0.0000799	0.0001633	0.0000310	0.0890937
Pharmacy/Drugstore without drive-through	13,743	1.00	1.40	2.87	0.54	1,555.20	0.0000728	0.0001019	0.0002088	0.0000393	0.1131642
Hospital	220,913	3.72	4.88	9.59	1.82	5,482.42	0.0000168	0.0000221	0.0000434	0.0000082	0.0248171
Warehouse	213,930	1.29	1.33	2.46	0.47	1,492.80	0.0000060	0.0000062	0.0000115	0.0000022	0.0069780
General Light Industry	245,308	2.05	2.31	4.51	0.86	2,614.96	0.0000084	0.0000094	0.0000184	0.0000035	0.0106599
General Heavy Industry	612,417	2.18	1.42	2.67	0.51	1,624.85	0.0000036	0.0000023	0.0000044	0.0000008	0.0026532

Single Family Housing	198 units
Apartments Low Rise	204 units
Apartments Mid Rise	351 units
Apartments High Rise	537 units
Condo/Townhouse General + High Rise	136 units
Congregate Care (Assisted Living) Facility	74 units
University/College (4 years)	1,314 students
Hotel	191 rooms

2015 Summary of Pollutant Load by Urbemis Category

	ROG (tons/yr)	Nox (tons/yr)	PM ¹⁰ (tons/yr)	PM ^{2.5} (tons/yr)	CO ₂ (tons/yr)
Single Family Housing	304.63	163.35	316.77	88.85	189,390.41
Apartments Low Rise	5.64	2.56	5.27	1.63	2,969.86
Apartments Mid Rise	59.22	24.17	49.85	16.31	28,204.23
Apartments High Rise	75.64	29.47	60.53	20.40	34,384.10
Condo/Townhouse General + High Rise	36.35	16.46	33.95	10.52	19,109.90
Congregate Care (Assisted Living) Facility	16.65	3.78	7.67	3.78	4,559.00
Elementary School	5.24	6.85	12.86	2.44	7,681.23
University/College (4 years)	0.51	0.48	0.94	0.18	539.72
Place of Worship	2.97	3.79	6.59	1.24	4,213.28
High Turnover (sit-down) Restaurant	122.98	170.39	352.64	66.68	191,244.96
Hotel	2.88	3.79	6.75	1.28	4,246.47
Free-Standing Discount Store	-	-	-	-	-
Strip Mall	24.26	33.60	67.21	12.73	37,410.95
Supermarket	26.79	37.91	77.45	14.73	42,168.64
Convenience Market (24 Hour)	6.36	9.07	18.79	3.58	10,093.01
General Office Building	17.44	21.93	41.82	7.96	24,730.37
Office Park	-	-	-	-	-
Government Office Building	42.55	59.35	121.34	23.00	66,196.65
Pharmacy/Drugstore without drive-through	4.07	5.70	11.69	2.20	6,337.20
Hospital	3.52	4.62	9.07	1.72	5,187.14
Warehouse	16.04	16.54	30.59	5.84	18,561.40
General Light Industry	3.50	3.95	7.71	1.47	4,468.70
General Heavy Industry	-	-	-	-	-

- Urbemis Code**
- Single Family Housing
- Urbemis Code**
- Apartments Low Rise
- Urbemis Code**
- Apartments Mid Rise
- Urbemis Code**
- Apartments High Rise
- Urbemis Code**
- Condo/Townhouse General + High Rise
- Urbemis Code**
- Congregate Care (Assisted Living) Facility
- Urbemis Code**
- Elementary School
- Urbemis Code**
- University/College (4 years)
- Urbemis Code**
- Place of Worship
- Urbemis Code**
- High Turnover (sit-down) Restaurant
- Urbemis Code**
- Hotel
- Urbemis Code**
- Free-Standing Discount Store
- Urbemis Code**
- Strip Mall
- Urbemis Code**
- Supermarket
- Urbemis Code**
- Convenience Market (24 Hour)
- Urbemis Code**
- General Office Building
- Urbemis Code**
- Office Park
- Urbemis Code**
- Government Office Building
- Urbemis Code**
- Pharmacy/Drugstore without drive-through
- Urbemis Code**
- Hospital
- Urbemis Code**
- Warehouse
- Urbemis Code**
- General Light Industry
- Urbemis Code**
- General Heavy Industry

2020 Projected Projects and Pollution Forecasts

Projections			Pollutants				
#	Urbemis Code	Project Size	ROG	NO _x	PM ¹⁰	PM ^{2.5}	CO ₂
1	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
2	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
3	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
4	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
5	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
6	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
7	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
8	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
9	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
10	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
11	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
12	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
13	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
14	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
15	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
16	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
17	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
18	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
19	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
20	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
21	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
22	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
23	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
24	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
25	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
26	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
27	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
28	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
29	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
30	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
31	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
32	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
33	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
34	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
35	Single Family Housing	13,581	0.192	0.082	0.219	0.061	130.548
36	Single Family Housing	72,914	1.033	0.438	1.174	0.328	700.902
37	Single Family Housing	72,914	1.033	0.438	1.174	0.328	700.902
38	Single Family Housing	72,914	1.033	0.438	1.174	0.328	700.902
39	Single Family Housing	72,914	1.033	0.438	1.174	0.328	700.902
40	Single Family Housing	72,914	1.033	0.438	1.174	0.328	700.902
41	Single Family Housing	72,914	1.033	0.438	1.174	0.328	700.902
42	Single Family Housing	72,914	1.033	0.438	1.174	0.328	700.902
43	Single Family Housing	162,188	2.297	0.975	2.612	0.729	1,559.068
44	Single Family Housing	162,188	2.297	0.975	2.612	0.729	1,559.068
45	Single Family Housing	162,188	2.297	0.975	2.612	0.729	1,559.068
46	Single Family Housing	162,188	2.297	0.975	2.612	0.729	1,559.068
47	Single Family Housing	283,179	4.011	1.703	4.560	1.273	2,722.129
48	Single Family Housing	283,179	4.011	1.703	4.560	1.273	2,722.129
49	Single Family Housing	283,179	4.011	1.703	4.560	1.273	2,722.129
50	Single Family Housing	283,179	4.011	1.703	4.560	1.273	2,722.129
51	Single Family Housing	283,179	4.011	1.703	4.560	1.273	2,722.129
52	Single Family Housing	375,822	5.323	2.260	6.052	1.690	3,612.679
53	Single Family Housing	375,822	5.323	2.260	6.052	1.690	3,612.679
54	Single Family Housing	987,852	13.991	5.941	15.907	4.442	9,495.972
55	Single Family Housing	1,160,504	16.437	6.979	18.687	5.218	11,155.626
56	Single Family Housing	1,951,096	27.634	11.733	31.417	8.773	18,755.384
57	Single Family Housing	6,507,269	92.164	39.133	104.782	29.259	62,552.716
58	Single Family Housing	6,507,269	92.164	39.133	104.782	29.259	62,552.716
59	Apartments Low Rise	19,196	0.487	0.173	0.492	0.152	276.430
60	Apartments Low Rise	19,196	0.487	0.173	0.492	0.152	276.430
61	Apartments Low Rise	19,196	0.487	0.173	0.492	0.152	276.430
62	Apartments Low Rise	63,135	1.601	0.567	1.619	0.498	909.163
63	Apartments Low Rise	90,241	2.288	0.811	2.314	0.712	1,299.499
64	Apartments Mid Rise	36,229	0.887	0.283	0.799	0.261	451.528
65	Apartments Mid Rise	70,194	1.718	0.548	1.549	0.505	874.835
66	Apartments Mid Rise	70,194	1.718	0.548	1.549	0.505	874.835
67	Apartments Mid Rise	70,194	1.718	0.548	1.549	0.505	874.835
68	Apartments Mid Rise	140,920	3.449	1.099	3.109	1.014	1,756.311
69	Apartments Mid Rise	140,920	3.449	1.099	3.109	1.014	1,756.311
70	Apartments Mid Rise	140,920	3.449	1.099	3.109	1.014	1,756.311
71	Apartments Mid Rise	140,920	3.449	1.099	3.109	1.014	1,756.311
72	Apartments Mid Rise	254,225	6.222	1.983	5.609	1.830	3,168.442
73	Apartments Mid Rise	254,225	6.222	1.983	5.609	1.830	3,168.442
74	Apartments Mid Rise	254,225	6.222	1.983	5.609	1.830	3,168.442
75	Apartments Mid Rise	381,737	9.343	2.978	8.423	2.748	4,757.643
76	Apartments Mid Rise	381,737	9.343	2.978	8.423	2.748	4,757.643
77	Apartments High Rise	94,057	2.263	0.692	1.936	0.653	1,097.567
78	Apartments High Rise	129,764	3.122	0.955	2.670	0.901	1,514.236
79	Apartments High Rise	129,764	3.122	0.955	2.670	0.901	1,514.236
80	Apartments High Rise	266,322	6.408	1.959	5.481	1.848	3,107.741
81	Apartments High Rise	266,322	6.408	1.959	5.481	1.848	3,107.741
82	Apartments High Rise	363,340	8.742	2.673	7.477	2.522	4,239.861
83	Apartments High Rise	592,213	14.249	4.356	12.187	4.110	6,910.608
84	Apartments High Rise	1,733,443	41.707	12.751	35.673	12.030	20,227.756
85	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
86	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
87	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
88	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
89	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
90	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
91	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
92	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
93	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
94	Condo/Townhouse General + High Rise	19,977	0.507	0.179	0.512	0.159	287.283
95	Condo/Townhouse General + High Rise	84,260	2.138	0.756	2.160	0.669	1,211.738
96	Condo/Townhouse General + High Rise	84,260	2.138	0.756	2.160	0.669	1,211.738
97	Condo/Townhouse General + High Rise	170,275	4.320	1.528	4.365	1.352	2,448.720
98	Condo/Townhouse General + High Rise	170,275	4.320	1.528	4.365	1.352	2,448.720
99	Condo/Townhouse General + High Rise	344,939	8.752	3.096	8.842	2.739	4,960.551
100	Condo/Townhouse General + High Rise	344,939	8.752	3.096	8.842	2.739	4,960.551
101	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
102	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
103	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
104	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
105	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
106	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
107	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
108	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
109	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
110	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
111	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
112	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
113	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
114	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
115	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
116	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
117	Congregate Care (Assisted Living) Facility	5,997	0.131	0.025	0.062	0.030	36.568
118	Congregate Care (Assisted Living) Facility	21,446	0.468	0.088	0.221	0.109	130.762
119	Congregate Care (Assisted Living) Facility	21,446	0.468	0.088	0.221	0.109	130.762
120	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
121	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
122	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
123	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
124	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
125	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
126	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
127	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
128	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
129	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
130	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
131	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779
132	Congregate Care (Assisted Living) Facility	49,166	1.074	0.202	0.506	0.249	299.779

276	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
277	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
278	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
279	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
280	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
281	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
282	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
283	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
284	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
285	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
286	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
287	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
288	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
289	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
290	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
291	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
292	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
293	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
294	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
295	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
296	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
297	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
298	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
299	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
300	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
301	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
302	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
303	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
304	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
305	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
306	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
307	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
308	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
309	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
310	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
311	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
312	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
313	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
314	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
315	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
316	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
317	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
318	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
319	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
320	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
321	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
322	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
323	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
324	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
325	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
326	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
327	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
328	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
329	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
330	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
331	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
332	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
333	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
334	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
335	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
336	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
337	High Turnover (sit-down) Restaurant	8,013	0.620	0.770	2.380	0.450	1,287.343
338	Hotel	15,336	0.193	0.232	0.586	0.111	367.066
339	Hotel	15,336	0.193	0.232	0.586	0.111	367.066
340	Hotel	69,278	0.872	1.047	2.647	0.502	1,658.172
341	Hotel	89,812	1.131	1.357	3.431	0.650	2,149.645
342	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
343	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
344	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
345	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
346	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
347	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
348	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
349	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
350	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
351	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
352	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
353	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
354	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
355	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
356	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
357	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
358	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
359	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
360	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
361	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
362	Strip Mall	13,660	0.374	0.458	1.355	0.257	753.680
363	Strip Mall	62,207	1.703	2.088	6.172	1.172	3,432.202
364	Strip Mall	62,207	1.703	2.088	6.172	1.172	3,432.202
365	Strip Mall	124,371	3.405	4.174	12.339	2.343	6,861.988
366	Strip Mall	198,818	5.444	6.673	19.726	3.746	10,969.516
367	Supermarket	20,926	1.290	1.621	4.945	0.937	2,687.623
368	Supermarket	20,926	1.290	1.621	4.945	0.937	2,687.623
369	Supermarket	20,926	1.290	1.621	4.945	0.937	2,687.623
370	Supermarket	20,926	1.290	1.621	4.945	0.937	2,687.623
371	Supermarket	20,926	1.290	1.621	4.945	0.937	2,687.623
372	Supermarket	20,926	1.290	1.621	4.945	0.937	2,687.623
373	Supermarket	55,362	3.413	4.288	13.084	2.480	7,110.458
374	Supermarket	55,362	3.413	4.288	13.084	2.480	7,110.458
375	Supermarket	55,362	3.413	4.288	13.084	2.480	7,110.458
376	Supermarket	55,362	3.413	4.288	13.084	2.480	7,110.458
377	Convenience Market (24 Hour)	6,500	2.814	3.560	11.094	2.095	5,939.705
378	Convenience Market (24 Hour)	6,500	2.814	3.560	11.094	2.095	5,939.705
379	General Office Building	14,735	0.134	0.149	0.412	0.077	242.589
380	General Office Building	14,735	0.134	0.149	0.412	0.077	242.589
381	General Office Building	14,735	0.134	0.149	0.412	0.077	242.589
382	General Office Building	14,735	0.134	0.149	0.412	0.077	242.589
383	General Office Building	14,735	0.134	0.149	0.412	0.077	242.589
384	General Office Building	14,735	0.134	0.149	0.412	0.077	242.589
385	General Office Building	14,735	0.134	0.149	0.412	0.077	242.589
386	General Office Building	14,735	0.134	0.149	0.412	0.077	242.589
387	General Office Building	14,735	0.134	0.149	0.412	0.077	242.589
388	General Office Building	81,941	0.743	0.827	2.290	0.430	1,349.046
389	General Office Building	81,941	0.743	0.827	2.290	0.430	1,349.046
390	General Office Building	81,941	0.743	0.827	2.290	0.430	1,349.046
391	General Office Building	149,746	1.357	1.510	4.184	0.786	2,465.368
392	General Office Building	149,746	1.357	1.510	4.184	0.786	2,465.368
393	General Office Building	253,929	2.302	2.561	7.096	1.333	4,180.599
394	General Office Building	253,929	2.302	2.561	7.096	1.333	4,180.599
395	General Office Building	449,750	4.077	4.537	12.568	2.360	7,404.542
396	Government Office Building	18,423	0.796	0.984	3.006	0.567	1,634.782
397	Government Office Building	18,423	0.796	0.984	3.006	0.567	1,634.782
398	Government Office Building	18,423	0.796	0.984	3.006	0.567	1,634.782
399	Government Office Building	18,423	0.796	0.984	3.006	0.567	1,634.782
400	Government Office Building	18,423	0.796	0.984	3.006	0.567	1,634.782
401	Government Office Building	18,423	0.796	0.984	3.006	0.567	1,634.782
402	Government Office Building	18,423	0.796	0.984	3.006	0.567	1,634.782
403	Government Office Building	79,443	3.431	4.242	12.961	2.447	7,049.390
404	Government Office Building	79,443	3.431	4.242	12.961	2.447	7,049.390
405	Government Office Building	79,443	3.431	4.242	12.961	2.447	7,049.390
406	Government Office Building	153,096	6.612	8.176	24.978	4.716	13,585.048
407	Government Office Building	270,616	11.687	14.452	44.151	8.336	24,013.262
408	Pharmacy/Drugstore without drive-through	14,750	0.805	1.009	3.070	0.580	1,608.768
409	Pharmacy/Drugstore without drive-through	14,750	0.805	1.009	3.070	0.580	1,608.768
410	Pharmacy/Drugstore without drive-through	14,750	0.805	1.009	3.070	0.580	1,608.768
411	Pharmacy/Drugstore without drive-through	14,750	0.805	1.009	3.070	0.580	1,608.768
412	Hospital	35,837	0.464	0.540	1.554	0.294	886.003
413	Hospital	60,942	0.789	0.919	2.643	0.499	1,506.671
414	Hospital	130,377	1.688	1.965	5.654	1.068	3,223.317
415	Hospital	140,915	1.824	2.124	6.111	1.155	3,483.842
416	Warehouse	25,489	0.124	0.112	0.292	0.055	177.220
417	Warehouse	25,489	0.124	0			

419 Warehouse	25,489	0.124	0.112	0.292	0.055	177.220
420 Warehouse	25,489	0.124	0.112	0.292	0.055	177.220
421 Warehouse	25,489	0.124	0.112	0.292	0.055	177.220
422 Warehouse	68,963	0.335	0.303	0.790	0.148	479.488
423 Warehouse	68,963	0.335	0.303	0.790	0.148	479.488
424 Warehouse	68,963	0.335	0.303	0.790	0.148	479.488
425 Warehouse	142,590	0.693	0.627	1.633	0.307	991.395
426 Warehouse	142,590	0.693	0.627	1.633	0.307	991.395
427 Warehouse	341,487	1.660	1.500	3.911	0.734	2,374.281
428 Warehouse	422,010	2.052	1.854	4.833	0.907	2,934.137
429 Warehouse	1,483,499	7.212	6.518	16.990	3.190	10,314.433
430 General Light Industry	15,036	0.099	0.097	0.276	0.052	159.680
431 General Light Industry	15,036	0.099	0.097	0.276	0.052	159.680
432 General Light Industry	15,036	0.099	0.097	0.276	0.052	159.680
433 General Light Industry	15,036	0.099	0.097	0.276	0.052	159.680
434 General Light Industry	73,119	0.480	0.471	1.344	0.253	776.495
435 General Light Industry	76,001	0.499	0.490	1.397	0.263	807.101
436 General Light Industry	318,980	2.094	2.055	5.864	1.105	3,387.436

2020 Summary by Urbemis Category

	1	2	3	4	5	6	7	8	9	10	11
	Single Family Housing	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel
Projects											
-	35	3	1	-	10	17	26	1	7	160	2
50,000	7	1	3	1	2	2	6	-	1	-	1
100,000	4	1	4	2	2	13	2	-	1	-	1
200,000	5	-	3	2	2	-	1	-	-	-	-
400,000	2	-	2	1	-	-	-	-	-	-	-
600,000	1	-	-	1	-	-	-	-	-	-	-
800,000	1	-	-	-	-	-	-	-	-	-	-
1,000,000	1	-	-	1	-	-	-	-	-	-	-
2,000,000	2	-	-	-	-	-	-	-	-	-	-
Total	58	5	13	8	16	32	35	1	9	160	4
Average Project Size											
-	13,581	19,196	36,229	-	19,977	5,997	5,859	16,573	21,230	8,013	15,336
50,000	72,914	63,135	70,194	94,057	84,260	21,446	18,765	-	92,499	-	69,278
100,000	162,188	90,241	140,920	129,764	170,275	49,166	43,162	-	103,892	-	89,812
200,000	283,179	-	254,225	266,322	344,939	-	45,748	-	-	-	-
400,000	375,822	-	381,737	363,340	-	-	-	-	-	-	-
600,000	987,852	-	-	592,213	-	-	-	-	-	-	-
800,000	1,160,504	-	-	-	-	-	-	-	-	-	-
1,000,000	1,951,096	-	-	1,733,443	-	-	-	-	-	-	-
2,000,000	6,507,269	-	-	-	-	-	-	-	-	-	-

2020 Summary of Pollutants by Urbemis Category

		8	9	10	11	12
	Avg Size (sf)	ROG (tons/yr)	Nox (tons/yr)	PM ¹⁰ (tons/yr)	PM ^{2.5} (tons/yr)	CO ₂ (tons/yr)
Single Family Housing	355,849	5.04	2.14	5.73	1.60	3,420.69
Apartments Low Rise	173,563	4.40	1.56	4.45	1.37	2,499.36
Apartments Mid Rise	298,664	7.31	2.33	6.59	2.15	3,722.29
Apartments High Rise	456,774	10.99	3.36	9.40	3.17	5,330.15
Condo/Townhouse General + High Rise	115,870	2.94	1.04	2.97	0.92	1,666.32
Congregate Care (Assisted Living) Facility	63,183	1.38	0.26	0.65	0.32	385.25
Elementary School	61,124	0.68	0.80	2.16	0.41	1,285.12
University/College (4 years)	120,866	3.09	2.54	7.30	1.38	4,155.55
Place of Worship	37,994	0.28	0.33	0.80	0.15	509.67
High Turnover (sit-down) Restaurant	8,011	0.62	0.77	2.38	0.45	1,287.12
Hotel	95,283	1.20	1.44	3.64	0.69	2,280.59
Free-Standing Discount Store	244,293	8.46	10.56	31.65	5.98	17,422.82
Strip Mall	33,967	0.93	1.14	3.37	0.64	1,874.08
Supermarket	37,956	2.34	2.94	8.97	1.70	4,874.89
Convenience Market (24 Hour)	7,230	3.13	3.96	12.34	2.33	6,606.78
General Office Building	146,725	1.33	1.48	4.10	0.77	2,415.64
Office Park	1,407,436	13.37	15.12	42.16	7.98	24,760.30
Government Office Building	64,603	2.79	3.45	10.54	1.99	5,732.59
Pharmacy/Drugstore without drive-through	13,743	0.75	0.94	2.86	0.54	1,498.92
Hospital	220,913	2.86	3.33	9.58	1.81	5,461.65
Warehouse	213,930	1.04	0.94	2.45	0.46	1,487.41
General Light Industry	245,308	1.61	1.58	4.51	0.85	2,605.07
General Heavy Industry	612,417	1.84	0.99	2.67	0.51	1,619.00
Single Family Housing	198 units					
Apartments Low Rise	204 units					
Apartments Mid Rise	351 units					
Apartments High Rise	537 units					
Condo/Townhouse General + High Rise	136 units					
Congregate Care (Assisted Living) Facility	74 units					
University/College (4 years)	1,314 students					
Hotel	191 rooms					

2020 Summary of Pollutant Load by Urbemis Category

	ROG (tons/yr)	Nox (tons/yr)	PM ¹⁰ (tons/yr)	PM ^{2.5} (tons/yr)	CO ₂ (tons/yr)
Single Family Housing	296.24	125.78	336.80	94.04	201,060.17
Apartments Low Rise	5.35	1.90	5.41	1.67	3,037.95
Apartments Mid Rise	57.19	18.23	51.56	16.82	29,121.89
Apartments High Rise	86.02	26.30	73.57	24.81	41,719.75
Condo/Townhouse General + High Rise	35.49	12.55	35.85	11.11	20,114.84
Congregate Care (Assisted Living) Facility	17.12	3.23	8.07	3.97	4,780.31
Elementary School	4.42	5.20	14.03	2.66	8,346.88
University/College (4 years)	0.42	0.35	1.00	0.19	569.79
Place of Worship	2.54	3.00	7.26	1.36	4,627.96
High Turnover (sit-down) Restaurant	99.22	123.22	380.87	72.01	205,974.90
Hotel	2.39	2.87	7.25	1.37	4,541.95
Free-Standing Discount Store	-	-	-	-	-
Strip Mall	20.11	24.65	72.87	13.84	40,523.18
Supermarket	21.39	26.88	82.01	15.54	44,567.57
Convenience Market (24 Hour)	5.63	7.12	22.19	4.19	11,879.41
General Office Building	14.83	16.50	45.70	8.58	26,926.92
Office Park	-	-	-	-	-
Government Office Building	34.16	42.24	129.05	24.37	70,189.95
Pharmacy/Drugstore without drive-through	3.22	4.04	12.28	2.32	6,435.07
Hospital	4.77	5.55	15.96	3.02	9,099.83
Warehouse	14.06	12.71	33.12	6.22	20,107.42
General Light Industry	0.39	0.39	1.11	0.21	638.72
General Heavy Industry	-	-	-	-	-

- Urbemis Code**
- Single Family Housing
- Urbemis Code**
- Apartments Low Rise
- Urbemis Code**
- Apartments Mid Rise
- Urbemis Code**
- Apartments High Rise
- Urbemis Code**
- Condo/Townhouse General + High Rise
- Urbemis Code**
- Congregate Care (Assisted Living) Facility
- Urbemis Code**
- Elementary School
- Urbemis Code**
- University/College (4 years)
- Urbemis Code**
- Place of Worship
- Urbemis Code**
- High Turnover (sit-down) Restaurant
- Urbemis Code**
- Hotel
- Urbemis Code**
- Free-Standing Discount Store
- Urbemis Code**
- Strip Mall
- Urbemis Code**
- Supermarket
- Urbemis Code**
- Convenience Market (24 Hour)
- Urbemis Code**
- General Office Building
- Urbemis Code**
- Office Park
- Urbemis Code**
- Government Office Building
- Urbemis Code**
- Pharmacy/Drugstore without drive-through
- Urbemis Code**
- Hospital
- Urbemis Code**
- Warehouse
- Urbemis Code**
- General Light Industry
- Urbemis Code**
- General Heavy Industry

APPENDIX C

Criteria Air Pollutant Emissions Modeling and Threshold Sensitivity
Analysis

2010 Summary of Emissions by Urbemis Category

	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry	
Average Project Size (s.f.)																								
-	13,455	16,489	31,764	-	20,551	6,363	5,843	14,788	20,173	8,000	26,766	-	14,180	22,216	10,000	13,889	-	18,994	13,500	30,528	25,912	17,310	-	
50,000	67,423	54,231	92,314	82,465	69,347	18,738	19,001	-	75,340	-	60,457	-	52,275	65,306	-	68,656	-	70,203	-	51,913	87,635	63,132	-	
100,000	171,400	77,515	164,737	227,544	140,138	50,768	36,421	-	84,620	-	78,376	-	104,513	-	-	125,467	-	135,289	-	111,062	241,594	-	-	
200,000	280,559	-	334,340	233,499	283,888	-	38,604	-	-	-	-	-	167,074	-	-	212,759	-	239,141	-	-	-	275,414	-	
400,000	595,752	-	669,381	318,561	-	-	-	-	-	-	-	-	-	-	-	376,831	-	-	-	-	-	-	-	
600,000	782,971	-	-	519,227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
800,000	919,814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,000,000	1,546,436	-	-	1,519,808	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,256,768	-	-	
2,000,000	5,157,655	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

*Red text indicates formula reference to another sheet. Do not overwrite.

2010 Projected Projects and Emissions Forecasts

Projections		URBEMIS Output Emissions (TPY, lb/day)												Mitigation Effectiveness (if > TOS)		Mitigation Effectiveness (if < TOS)		TOS Project		TOS Emissions	
#	Urbemis Code	Project Size (sq ft)	du	ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)	ROG TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction 2010-2014 (T)	TOS Capture Rate	TOS Emissions Capture Rate				
												10	366	124	619	4%	17%				
1	Single Family Housing	13,455	7	0.25	1.36	0.17	0.91	0.22	1.19	0.06	0.33	0	28	0	0	0	0				
29	Single Family Housing	67,423	37	1.24	6.82	0.83	4.55	1.09	5.96	0.31	1.67	0	6	0	0	0	0				
35	Single Family Housing	171,400	95	3.16	17.34	2.11	11.56	2.76	15.15	0.78	4.25	0	3	0	0	0	0				
38	Single Family Housing	280,559	156	5.18	28.38	3.45	18.92	4.53	24.80	1.27	6.96	0	4	0	0	0	0				
42	Single Family Housing	595,752	331	11.00	60.27	7.33	40.18	9.61	52.66	2.70	14.77	11	1	1	1	11	1				
43	Single Family Housing	782,971	435	14.46	79.21	9.64	52.81	12.63	69.20	3.54	19.41	14	1	4	1	14	4				
44	Single Family Housing	919,814	511	16.98	93.05	11.32	62.04	14.84	81.30	4.16	22.80	17	1	7	1	17	7				
45	Single Family Housing	1,546,436	859	28.55	156.45	19.03	104.30	24.94	136.68	7.00	38.34	29	1	19	1	29	19				
46	Single Family Housing	5,157,655	2,865	95.23	521.78	63.48	347.85	83.20	455.86	23.34	127.86	95	2	29	2	190	57				
48	Apartments Low Rise	16,489	19	0.53	2.89	0.31	1.68	0.42	2.32	0.13	0.72	0	3	0	0	0	0				
51	Apartments Low Rise	54,231	64	1.74	9.52	1.01	5.51	1.39	7.64	0.43	2.36	0	1	0	0	0	0				
52	Apartments Low Rise	77,515	91	2.48	13.61	1.44	7.88	1.99	10.91	0.62	3.38	0	1	0	0	0	0				
53	Apartments Mid Rise	31,764	37	0.96	5.24	0.50	2.75	0.70	3.85	0.23	1.26	0	1	0	0	0	0				
54	Apartments Mid Rise	92,314	109	2.78	15.24	1.46	7.99	2.04	11.20	0.67	3.68	0	2	0	0	0	0				
56	Apartments Mid Rise	164,737	194	4.96	27.20	2.60	14.27	3.65	19.98	1.20	6.56	0	3	0	0	0	0				
59	Apartments Mid Rise	334,340	393	10.08	55.21	5.28	28.95	7.40	40.55	2.43	13.31	10	2	0	2	20	0				
61	Apartments Mid Rise	669,381	788	20.17	110.53	10.58	57.97	14.81	81.18	4.86	26.65	20	1	10	1	20	10				
62	Apartments High Rise	82,465	97	2.42	13.29	1.22	6.66	1.70	9.34	0.58	3.16	0	1	0	0	0	0				
63	Apartments High Rise	227,544	268	6.69	36.66	3.35	18.37	4.70	25.77	1.59	8.71	0	1	0	0	0	0				
64	Apartments High Rise	233,499	275	6.87	37.62	3.44	18.85	4.83	26.44	1.63	8.94	0	2	0	0	0	0				
66	Apartments High Rise	318,561	375	9.37	51.32	4.69	25.72	6.58	36.07	2.22	12.19	0	1	0	0	0	0				
67	Apartments High Rise	519,227	611	15.27	83.65	7.65	41.92	10.73	58.80	3.63	19.87	15	1	5	1	15	5				
68	Apartments High Rise	1,519,808	1,788	44.69	244.85	22.39	122.70	31.41	172.11	10.61	58.16	45	1	35	1	45	35				
69	Condo/Townhouse Gener	20,551	24	0.66	3.61	0.38	2.09	0.53	2.90	0.16	0.89	0	8	0	0	0	0				
77	Condo/Townhouse Gener	69,347	82	2.22	12.17	1.29	7.05	1.78	9.77	0.55	3.02	0	2	0	0	0	0				
79	Condo/Townhouse Gener	140,138	165	4.49	24.59	2.60	14.25	3.60	19.75	1.11	6.10	0	2	0	0	0	0				
81	Condo/Townhouse Gener	283,888	334	9.09	49.81	5.27	28.86	7.30	40.01	2.25	12.35	0	2	0	0	0	0				
83	Congregate Care (Assiste	6,363	7	0.15	0.83	0.04	0.24	0.07	0.36	0.03	0.18	0	14	0	0	0	0				
97	Congregate Care (Assiste	18,738	22	0.45	2.45	0.13	0.70	0.19	1.06	0.09	0.52	0	2	0	0	0	0				
99	Congregate Care (Assiste	50,768	60	1.21	6.65	0.35	1.89	0.52	2.86	0.26	1.41	0	11	0	0	0	0				
110	Elementary School	5,843	0.13	0.69	0.17	0.92	0.21	1.13	0.04	0.21	0	22	0	0	0	0	0				
132	Elementary School	19,001	0.41	2.23	0.54	2.98	0.67	3.68	0.70	0.13	0.70	0	5	0	0	0	0				
137	Elementary School	36,421	0.78	4.28	1.04	5.71	1.29	7.05	0.24	1.34	0	2	0	0	0	0	0				
139	Elementary School	38,604	0.83	4.53	1.11	6.06	1.36	7.47	0.26	1.42	0	1	0	0	0	0	0				
140	University/College (4 yea	14,788	0.70	3.85	0.71	3.87	0.90	4.91	0.17	0.94	0	1	0	0	0	0	0				
141	Place of Worship	20,173	0.28	1.51	0.36	1.98	0.43	2.36	0.08	0.44	0	6	0	0	0	0	0				
147	Place of Worship	75,340	1.03	5.65	1.35	7.39	1.61	8.80	0.30	1.63	0	1	0	0	0	0	0				
148	Place of Worship	84,620	1.16	6.35	1.51	8.30	1.80	9.88	0.33	1.83	0	1	0	0	0	0	0				
149	High Turnover (sit-down)	8,000	1.29	7.06	1.82	9.96	2.38	13.02	0.45	2.46	0	137	0	0	0	176	0				
286	Hotel	26,766	0.64	3.52	0.86	4.69	1.02	5.59	0.19	1.06	0	1	0	0	0	0	0				
287	Hotel	60,457	1.45	7.96	1.94	10.60	2.30	12.62	0.44	2.40	0	1	0	0	0	0	0				
288	Hotel	78,376	1.88	10.32	2.51	13.75	2.99	16.36	0.57	3.11	0	1	0	0	0	0	0				
289	Strip Mall	14,180	0.78	4.30	1.10	6.04	1.41	7.73	0.27	1.49	0	17	0	0	0	0	0				
306	Strip Mall	52,275	2.89	15.85	4.06	22.26	5.40	28.50	1.00	5.48	0	2	0	0	0	0	0				
308	Strip Mall	104,513	5.78	31.70	8.12	44.51	10.40	56.99	2.00	10.96	0	1	0	0	0	0	0				
309	Strip Mall	167,074	9.25	50.67	12.99	71.15	16.63	91.10	3.20	17.52	0	1	0	0	0	0	0				
310	Supermarket	22,216	2.83	15.52	4.06	22.23	5.27	28.87	1.01	5.52	0	5	0	0	0	0	0				
315	Supermarket	65,306	8.33	45.63	11.92	65.34	15.49	84.85	2.96	16.22	0	3	0	0	0	0	0				
318	Convenience Market (24	10,000	9.06	49.64	13.06	71.54	17.12	93.83	3.26	17.89	0	1	0	0	0	0	0				
319	General Office Building	13,889	0.24	1.32	0.31	1.71	0.39	2.13	0.07	0.41	0	8	0	0	0	0	0				
327	General Office Building	68,656	1.19	6.51	1.54	8.46	1.92	10.54	0.37	2.03	0	3	0	0	0	0	0				
330	General Office Building	125,467	2.17	11.90	2.82	15.46	3.51	19.26	0.68	3.70	0	2	0	0	0	0	0				
332	General Office Building	212,759	3.68	20.18	4.79	26.22	5.96	32.66	1.15	6.28	0	2	0	0	0	0	0				
334	General Office Building	376,831	6.52	35.74	8.48	46.44	10.56	57.84	2.03	11.12	0	1	0	0	0	0	0				
335	Government Office Buildi	18,994	1.69	9.26	2.39	13.08	3.11	17.03	0.59	3.25	0	6	0	0	0	0	0				
341	Government Office Buildi	70,203	6.25																		

2010 Summary of Emissions by Urbemis Category

	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry	
Average Project Size (s.f.)																								
50,000	13,455	16,489	31,764	-	20,551	6,363	5,843	14,788	20,173	8,000	26,766	-	14,180	22,216	10,000	13,889	-	18,994	13,500	30,528	25,912	17,310	-	
100,000	67,423	54,231	92,314	82,465	69,347	18,738	19,001	-	75,340	-	60,457	-	52,275	65,306	-	68,656	-	70,203	-	51,913	87,635	63,132	-	
200,000	171,400	77,515	164,737	227,544	140,138	50,768	36,421	-	84,620	-	78,376	-	104,513	-	-	125,467	-	135,289	-	111,062	241,594	-	-	
400,000	280,559	-	334,340	233,499	283,888	-	38,604	-	-	-	-	-	167,074	-	-	212,759	-	239,141	-	-	-	275,414	-	
600,000	595,752	-	669,381	318,561	-	-	-	-	-	-	-	-	-	-	-	376,831	-	-	-	-	-	-	-	
800,000	782,971	-	-	519,227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,000,000	919,814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,000,000	1,546,436	-	-	1,519,808	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,256,768	-	-	
	5,157,655	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

*Red text indicates formula reference to another sheet. Do not overwrite.

2010 Projected Projects and Emissions Forecasts

														Mitigation Effectiveness (if > TOS)		Mitigation Effectiveness (if < TOS)			
																15%		0%	
Projections		URBEMIS Output Emissions (TPY, lb/day)												NOX TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction 2010-2014 (T)	TOS Project Capture Rate	TOS Emissions Capture Rate
#	Urbemis Code	Project Size (sq ft)	du	ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)								
1	Single Family Housing	13,455	7	0.25	1.36	0.17	0.91	0.22	1.19	0.06	0.33	10	366	171	855	4%	34%		
29	Single Family Housing	67,423	37	1.24	6.82	0.83	4.55	1.09	5.96	0.31	1.67	0	6	0	0	0	5		
35	Single Family Housing	171,400	95	3.16	17.34	2.11	11.56	2.76	15.15	0.78	4.25	0	3	0	0	0	6		
38	Single Family Housing	280,559	156	5.18	28.38	3.45	18.92	4.53	24.80	1.27	6.96	0	4	0	0	0	14		
42	Single Family Housing	595,752	331	11.00	60.27	7.33	40.18	9.61	52.66	2.70	14.77	0	1	0	0	0	7		
43	Single Family Housing	782,971	435	14.46	79.21	9.64	52.81	12.63	69.20	3.54	19.41	0	1	0	0	0	10		
44	Single Family Housing	919,814	511	16.98	93.05	11.32	62.04	14.84	81.30	4.16	22.80	11	1	1	1	1	11		
45	Single Family Housing	1,546,436	859	28.55	156.45	19.03	104.30	24.94	136.68	7.00	38.34	19	1	9	1	1	19		
46	Single Family Housing	5,157,655	2,865	95.23	521.78	63.48	347.85	83.20	455.86	23.34	127.86	63	2	107	2	2	127		
48	Apartments Low Rise	16,489	19	0.53	2.89	0.31	1.68	0.42	2.32	0.13	0.72	0	3	0	0	0	1		
51	Apartments Low Rise	54,231	64	1.74	9.52	1.01	5.51	1.39	7.64	0.43	2.36	0	1	0	0	0	1		
52	Apartments Low Rise	77,515	91	2.48	13.61	1.44	7.88	1.99	10.91	0.62	3.38	0	1	0	0	0	1		
53	Apartments Mid Rise	31,764	37	0.96	5.24	0.50	2.75	0.70	3.85	0.23	1.26	0	1	0	0	0	1		
54	Apartments Mid Rise	92,314	109	2.78	15.24	1.46	7.99	2.04	11.20	0.67	3.68	0	2	0	0	0	3		
56	Apartments Mid Rise	164,737	194	4.96	27.20	2.60	14.27	3.65	19.98	1.20	6.56	0	3	0	0	0	8		
59	Apartments Mid Rise	334,340	393	10.08	55.51	5.28	28.95	7.40	40.55	2.43	13.31	0	2	0	0	0	11		
61	Apartments Mid Rise	669,381	788	20.17	110.23	10.58	57.97	14.81	81.18	4.86	26.65	11	1	1	1	1	11		
62	Apartments High Rise	82,465	97	2.42	13.29	1.22	6.66	1.70	9.34	0.58	3.16	0	1	0	0	0	1		
63	Apartments High Rise	227,544	268	6.69	36.66	3.35	18.37	4.70	25.77	1.59	8.71	0	1	0	0	0	3		
64	Apartments High Rise	233,499	275	6.87	37.62	3.44	18.85	4.83	26.44	1.63	8.94	0	2	0	0	0	7		
66	Apartments High Rise	318,561	375	9.37	51.32	4.69	25.72	6.58	36.07	2.22	12.19	0	1	0	0	0	5		
67	Apartments High Rise	519,227	611	15.27	83.65	7.65	41.92	10.73	58.80	3.63	19.87	0	1	0	0	0	8		
68	Apartments High Rise	1,519,808	1,788	44.69	244.85	22.39	122.70	31.41	172.11	10.61	58.16	22	1	12	1	1	22		
69	Condo/Townhouse Gene	20,551	24	0.66	3.61	0.38	2.09	0.53	2.90	0.16	0.89	0	8	0	0	0	3		
77	Condo/Townhouse Gene	69,347	82	2.22	12.17	1.29	7.05	1.78	9.77	0.55	3.02	0	2	0	0	0	3		
79	Condo/Townhouse Gene	140,138	165	4.49	24.59	2.60	14.25	3.60	19.75	1.11	6.10	0	2	0	0	0	5		
81	Condo/Townhouse Gene	283,888	334	9.09	49.81	5.27	28.86	7.30	40.01	2.25	12.35	0	2	0	0	0	11		
83	Congregate Care (Assiste	6,363	7	0.15	0.83	0.04	0.24	0.07	0.36	0.03	0.18	0	14	0	0	0	1		
97	Congregate Care (Assiste	18,738	22	0.45	2.45	0.13	0.70	0.19	1.06	0.09	0.52	0	2	0	0	0	0		
99	Congregate Care (Assiste	50,768	60	1.21	6.65	0.35	1.89	0.52	2.86	0.26	1.41	0	11	0	0	0	4		
110	Elementary School	5,843		0.13	0.69	0.17	0.92	0.21	1.13	0.04	0.21	0	22	0	0	0	4		
132	Elementary School	19,001		0.41	2.23	0.54	2.98	0.67	3.68	0.13	0.70	0	5	0	0	0	3		
137	Elementary School	36,421		0.78	4.28	1.04	5.71	1.29	7.05	0.24	1.34	0	2	0	0	0	2		
139	Elementary School	38,604		0.83	4.53	1.11	6.06	1.36	7.47	0.26	1.42	0	1	0	0	0	1		
140	University/College (4 yea	14,788		0.70	3.85	0.71	3.87	0.90	4.91	0.17	0.94	0	1	0	0	0	1		
141	Place of Worship	20,173		0.28	1.51	0.36	1.98	0.43	2.36	0.08	0.44	0	6	0	0	0	2		
147	Place of Worship	75,340		1.03	5.65	1.35	7.39	1.61	8.80	0.30	1.63	0	1	0	0	0	1		
148	Place of Worship	84,620		1.16	6.35	1.51	8.30	1.80	9.88	0.33	1.83	0	1	0	0	0	2		
149	High Turnover (sit-down)	8,000		1.29	7.06	1.82	9.96	2.38	13.02	0.45	2.46	0	137	0	0	0	249		
286	Hotel	26,766		0.64	3.52	0.86	4.69	1.02	5.59	0.19	1.06	0	1	0	0	0	1		
287	Hotel	60,457		1.45	7.96	1.94	10.60	2.30	12.62	0.44	2.40	0	1	0	0	0	2		
288	Hotel	78,376		1.88	10.32	2.51	13.75	2.99	16.36	0.57	3.11	0	1	0	0	0	3		
289	Strip Mall	14,180		0.78	4.30	1.10	6.04	1.41	7.73	0.27	1.49	0	17	0	0	0	19		
306	Strip Mall	52,275		2.89	15.85	4.06	22.26	5.20	28.50	1.00	5.48	0	2	0	0	0	8		
308	Strip Mall	104,513		5.78	31.70	8.12	44.51	10.40	56.99	2.00	10.96	0	1	0	0	0	8		
309	Strip Mall	167,074		9.25	50.67	12.99	71.15	16.63	91.10	3.20	17.52	13	1	3	1	1	13		
310	Supermarket	22,216		2.83	15.52	4.06	22.23	5.27	28.87	1.01	5.52	0	5	0	0	0	20		
315	Supermarket	65,306		8.33	45.63	11.92	65.34	15.49	84.85	2.96	16.22	12	3	6	3	3	36		
318	Convenience Market (24	10,000		9.06	49.64	13.06	71.54	17.12	93.83	3.26	17.89	13	1	3	1	1	13		
319	General Office Building	13,889		0.24	1.32	0.31	1.71	0.39	2.13	0.07	0.41	0	8	0	0	0	2		
327	General Office Building	68,656		1.19	6.51	1.54	8.46	1.92	10.54	0.37	2.03	0	3	0	0	0	5		
330	General Office Building	125,467		2.17	11.90	2.82	15.46	3.51	19.26	0.68	3.70	0	2	0	0	0	6		
332	General Office Building	212,759		3.68	20.18	4.79	26.22	5.96	32.66	1.15	6.28	0	2	0	0	0	10		
334	General Office Building	376,831		6.52	35.74	8.48	46.44	10.56	57.84	2.03	11.12	0	1	0	0	0	8		
335	Government Office Buildi	18,994		1.69	9.26	2.39	13.08	3.11	17.03	0.59	3.25	0	6	0	0	0	14		
341	Government Office Buildi	70,203		6.25	34.24	8.82	48.35	11.49											

2010 Summary of Emissions by Urbemis Category

Average Project Size (s.f.)	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry	
	13,455	16,489	31,764	-	20,551	6,363	5,843	14,788	20,173	8,000	26,766	-	14,180	22,216	10,000	13,889	-	18,994	13,500	30,528	25,912	17,310	-	-
50,000	67,423	54,231	92,314	82,465	69,347	18,738	19,001	-	75,340	-	60,457	-	52,275	65,306	-	68,656	-	70,203	-	51,913	87,635	63,132	-	-
100,000	171,400	77,515	164,737	227,544	140,138	50,768	36,421	-	84,620	-	78,376	-	104,513	-	-	125,467	-	135,289	-	111,062	241,594	-	-	-
200,000	280,559	-	334,340	233,499	283,888	-	38,604	-	-	-	-	-	167,074	-	-	212,759	-	239,141	-	-	-	275,414	-	-
400,000	595,752	-	669,381	318,561	-	-	-	-	-	-	-	-	-	-	-	376,831	-	-	-	-	-	-	-	-
600,000	782,971	-	-	519,227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
800,000	919,814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000	1,546,436	-	-	1,519,808	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,256,768	-	-	-
2,000,000	5,157,655	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Red text indicates formula reference to another sheet. Do not overwrite.

2010 Projected Projects and Emissions Forecasts

#	Urbemis Code	Project Size (sq ft)	du	URBEMIS Output Emissions (TPY, lb/day)										Mitigation Effectiveness (if > TOS)		Mitigation Effectiveness (if < TOS)		TOS Project Capture Rate	TOS Emissions Capture Rate	
				ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)	PM ₁₀ TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction 2010-2014 (T)	15%	0%			
				15	366	199	996	3%	30%											
1	Single Family Housing	13,455	7	0.25	1.36	0.17	0.91	0.22	1.19	0.06	0.33	0	28	0	0	0	6	0	0	0
29	Single Family Housing	67,423	37	1.24	6.82	0.83	4.55	1.09	5.96	0.31	1.67	0	6	0	0	0	7	0	0	0
35	Single Family Housing	171,400	95	3.16	17.34	2.11	11.56	2.76	15.15	0.78	4.25	0	3	0	0	0	8	0	0	0
38	Single Family Housing	280,559	156	5.18	28.38	3.45	18.92	4.53	24.80	1.27	6.96	0	4	0	0	0	18	0	0	0
42	Single Family Housing	595,752	331	11.00	60.27	7.33	40.18	9.61	52.66	2.70	14.77	0	1	0	0	0	10	0	0	0
43	Single Family Housing	782,971	435	14.46	79.21	9.64	52.81	12.63	69.20	3.54	19.41	0	1	0	0	0	13	0	0	0
44	Single Family Housing	919,814	511	16.98	93.05	11.32	62.04	14.84	81.30	4.16	22.80	0	1	0	0	0	15	0	0	0
45	Single Family Housing	1,546,436	859	28.55	156.45	19.03	104.30	24.94	136.68	7.00	38.34	25	1	10	1	1	25	10	0	0
46	Single Family Housing	5,157,655	2,865	95.23	521.78	63.48	347.85	83.20	455.86	23.34	127.86	83	2	136	2	2	166	273	0	0
48	Apartments Low Rise	16,489	19	0.53	2.89	0.31	1.68	0.42	2.32	0.13	0.72	0	3	0	0	0	1	0	0	0
51	Apartments Low Rise	54,231	64	1.74	9.52	1.01	5.51	1.39	7.64	0.43	2.36	0	1	0	0	0	1	0	0	0
52	Apartments Low Rise	77,515	91	2.48	13.61	1.44	7.88	1.99	10.91	0.62	3.38	0	1	0	0	0	2	0	0	0
53	Apartments Mid Rise	31,764	37	0.96	5.24	0.50	2.75	0.70	3.85	0.23	1.26	0	1	0	0	0	1	0	0	0
54	Apartments Mid Rise	92,314	109	2.78	15.24	1.46	7.99	2.04	11.20	0.67	3.68	0	2	0	0	0	4	0	0	0
56	Apartments Mid Rise	164,737	194	4.96	27.20	2.60	14.27	3.65	19.98	1.20	6.56	0	3	0	0	0	11	0	0	0
59	Apartments Mid Rise	334,340	393	10.08	55.51	5.28	28.95	7.40	40.55	2.43	13.31	0	2	0	0	0	15	0	0	0
61	Apartments Mid Rise	669,381	788	20.17	110.23	10.58	57.97	14.81	81.18	4.86	26.65	0	1	0	0	0	15	0	0	0
62	Apartments High Rise	82,465	97	2.42	13.29	1.22	6.66	1.70	9.34	0.58	3.16	0	1	0	0	0	2	0	0	0
63	Apartments High Rise	227,544	268	6.69	36.66	3.35	18.37	4.70	25.77	1.59	8.71	0	1	0	0	0	5	0	0	0
64	Apartments High Rise	233,499	275	6.87	37.62	3.44	18.85	4.83	26.44	1.63	8.94	0	2	0	0	0	10	0	0	0
66	Apartments High Rise	318,561	375	9.37	51.32	4.69	25.72	6.58	36.07	2.22	12.19	0	1	0	0	0	7	0	0	0
67	Apartments High Rise	519,227	611	15.27	83.65	7.65	41.92	10.73	58.80	3.63	19.87	0	1	0	0	0	11	0	0	0
68	Apartments High Rise	1,519,808	1,788	44.69	244.85	22.39	122.70	31.41	172.11	10.61	58.16	31	1	16	1	1	31	16	0	0
69	Condo/Townhouse Gene	20,551	24	0.66	3.61	0.38	2.09	0.53	2.90	0.16	0.89	0	8	0	0	0	4	0	0	0
77	Condo/Townhouse Gene	69,347	82	2.22	12.17	1.29	7.05	1.78	9.77	0.55	3.02	0	2	0	0	0	4	0	0	0
79	Condo/Townhouse Gene	140,138	165	4.49	24.59	2.60	14.25	3.60	19.75	1.11	6.10	0	2	0	0	0	7	0	0	0
81	Condo/Townhouse Gene	283,888	334	9.09	49.81	5.27	28.86	7.30	40.01	2.25	12.35	0	2	0	0	0	15	0	0	0
83	Congregate Care (Assiste	6,363	7	0.15	0.83	0.04	0.24	0.07	0.36	0.03	0.18	0	14	0	0	0	1	0	0	0
97	Congregate Care (Assiste	18,738	22	0.45	2.45	0.13	0.70	0.19	1.06	0.09	0.52	0	2	0	0	0	0	0	0	0
99	Congregate Care (Assiste	50,768	60	1.21	6.65	0.35	1.89	0.52	2.86	0.26	1.41	0	11	0	0	0	6	0	0	0
110	Elementary School	5,843	7	0.13	0.69	0.17	0.92	0.21	1.13	0.04	0.21	0	22	0	0	0	5	0	0	0
132	Elementary School	19,001	23	0.41	2.23	0.54	2.98	0.67	3.68	0.13	0.70	0	5	0	0	0	3	0	0	0
137	Elementary School	36,421	43	0.78	4.28	1.04	5.71	1.29	7.05	0.24	1.34	0	2	0	0	0	3	0	0	0
139	Elementary School	38,604	46	0.83	4.53	1.11	6.06	1.36	7.47	0.26	1.42	0	1	0	0	0	1	0	0	0
140	University/College (4 yea	14,788	17	0.70	3.85	0.71	3.87	0.90	4.91	0.17	0.94	0	1	0	0	0	1	0	0	0
141	Place of Worship	20,173	24	0.28	1.51	0.36	1.98	0.43	2.36	0.08	0.44	0	6	0	0	0	3	0	0	0
147	Place of Worship	75,340	91	1.03	5.65	1.35	7.39	1.61	8.80	0.30	1.63	0	1	0	0	0	2	0	0	0
148	Place of Worship	84,620	101	1.16	6.35	1.51	8.30	1.80	9.88	0.33	1.83	0	1	0	0	0	2	0	0	0
149	High Turnover (sit-down)	8,000	10	1.29	7.06	1.82	9.96	2.38	13.02	0.45	2.46	0	137	0	0	0	326	0	0	0
286	Hotel	26,766	32	0.64	3.52	0.86	4.69	1.02	5.59	0.19	1.06	0	1	0	0	0	1	0	0	0
287	Hotel	60,457	72	1.45	7.96	1.94	10.60	2.30	12.62	0.44	2.40	0	1	0	0	0	2	0	0	0
288	Hotel	78,376	94	1.88	10.32	2.51	13.75	2.99	16.36	0.57	3.11	0	1	0	0	0	3	0	0	0
289	Strip Mall	14,180	17	0.78	4.30	1.10	6.04	1.41	7.73	0.27	1.49	0	17	0	0	0	24	0	0	0
306	Strip Mall	52,275	63	2.89	15.85	4.06	22.26	5.20	28.50	1.00	5.48	0	2	0	0	0	10	0	0	0
308	Strip Mall	104,513	126	5.78	31.70	8.12	44.51	10.40	56.99	2.00	10.96	0	1	0	0	0	10	0	0	0
309	Strip Mall	167,074	201	9.25	50.67	12.99	71.15	16.63	91.10	3.20	17.52	17	1	2	1	1	17	2	0	0
310	Supermarket	22,216	27	2.83	15.52	4.06	22.23	5.27	28.87	1.01	5.52	0	5	0	0	0	26	0	0	0
315	Supermarket	65,306	79	8.33	45.63	11.92	65.34	15.49	84.85	2.96	16.22	15	3	1	3	3	46	4	0	0
318	Convenience Market (24	10,000	12	9.06	49.64	13.06	71.54	17.12	93.83	3.26	17.89	17	1	2	1	1	17	2	0	0
319	General Office Building	13,889	16	0.24	1.32	0.31	1.71	0.39	2.13	0.07	0.									

2010 Summary of Emissions by Urbemis Category

	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry	
Average Project Size (s.f.)																								
50,000	13,455	16,489	31,764	-	20,551	6,363	5,843	14,788	20,173	8,000	26,766	-	14,180	22,216	10,000	13,889	-	18,994	13,500	30,528	25,912	17,310	-	
100,000	67,423	54,231	92,314	82,465	69,347	18,738	19,001	-	75,340	-	60,457	-	52,275	65,306	-	68,656	-	70,203	-	51,913	87,635	63,132	-	
200,000	171,400	77,515	164,737	227,544	140,138	50,768	36,421	-	84,620	-	78,376	-	104,513	-	-	125,467	-	135,289	-	111,062	241,594	-	-	
400,000	280,559	-	334,340	233,499	283,888	-	38,604	-	-	-	-	-	167,074	-	-	212,759	-	239,141	-	-	-	275,414	-	
600,000	595,752	-	669,381	318,561	-	-	-	-	-	-	-	-	-	-	-	376,831	-	-	-	-	-	-	-	
800,000	782,971	-	-	519,227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,000,000	919,814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,000,000	1,546,436	-	-	1,519,808	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,256,768	-	-	
	5,157,655	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

*Red text indicates formula reference to another sheet. Do not overwrite.

2010 Projected Projects and Emissions Forecasts

Projections		URBEMIS Output Emissions (TPY, lb/day)												Mitigation Effectiveness (if > TOS) 15%		Mitigation Effectiveness (if < TOS) 0%	
#	Urbemis Code	Project Size (sq ft)	du	ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)	PM _{2.5} TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction 2010-2014 (T)	TOS Project Capture Rate	TOS Emissions Capture Rate
1	Single Family Housing	13,455	7	0.25	1.36	0.17	0.91	0.22	1.19	0.06	0.33	10	366	27	136	1%	5%
29	Single Family Housing	67,423	37	1.24	6.82	0.83	4.55	1.09	5.96	0.31	1.67	0	6	0	0	0	0
35	Single Family Housing	171,400	95	3.16	17.34	2.11	11.56	2.76	15.15	0.78	4.25	0	3	0	0	0	0
38	Single Family Housing	280,559	156	5.18	28.38	3.45	18.92	4.53	24.80	1.27	6.96	0	4	0	0	0	0
42	Single Family Housing	595,752	331	11.00	60.27	7.33	40.18	9.61	52.66	2.70	14.77	0	1	0	0	0	0
43	Single Family Housing	782,971	435	14.46	79.21	9.64	52.81	12.63	69.20	3.54	19.41	0	1	0	0	0	0
44	Single Family Housing	919,814	511	16.98	93.05	11.32	62.04	14.84	81.30	4.16	22.80	0	1	0	0	0	0
45	Single Family Housing	1,546,436	859	28.55	156.45	19.03	104.30	24.94	136.68	7.00	38.34	0	1	0	0	0	0
46	Single Family Housing	5,157,655	2,865	95.23	521.78	63.48	347.85	83.20	455.86	23.34	127.86	23	2	27	2	2	166
48	Apartments Low Rise	16,489	19	0.53	2.89	0.31	1.68	0.42	2.32	0.13	0.72	0	3	0	0	0	1
51	Apartments Low Rise	54,231	64	1.74	9.52	1.01	5.51	1.39	7.64	0.43	2.36	0	1	0	0	0	1
52	Apartments Low Rise	77,515	91	2.48	13.61	1.44	7.88	1.99	10.91	0.62	3.38	0	1	0	0	0	2
53	Apartments Mid Rise	31,764	37	0.96	5.24	0.50	2.75	0.70	3.85	0.23	1.26	0	1	0	0	0	1
54	Apartments Mid Rise	92,314	109	2.78	15.24	1.46	7.99	2.04	11.20	0.67	3.68	0	2	0	0	0	4
56	Apartments Mid Rise	164,737	194	4.96	27.20	2.60	14.27	3.65	19.98	1.20	6.56	0	3	0	0	0	11
59	Apartments Mid Rise	334,340	393	10.08	55.51	5.28	28.95	7.40	40.55	2.43	13.31	0	2	0	0	0	15
61	Apartments Mid Rise	669,381	788	20.17	110.23	10.58	57.97	14.81	81.18	4.86	26.65	0	1	0	0	0	15
62	Apartments High Rise	82,465	97	2.42	13.29	1.22	6.66	1.70	9.34	0.58	3.16	0	1	0	0	0	2
63	Apartments High Rise	227,544	268	6.69	36.66	3.35	18.37	4.70	25.77	1.59	8.71	0	1	0	0	0	5
64	Apartments High Rise	233,499	275	6.87	37.62	3.44	18.85	4.83	26.44	1.63	8.94	0	2	0	0	0	10
66	Apartments High Rise	318,561	375	9.37	51.32	4.69	25.72	6.58	36.07	2.22	12.19	0	1	0	0	0	7
67	Apartments High Rise	519,227	611	15.27	83.65	7.65	41.92	10.73	58.80	3.63	19.87	0	1	0	0	0	11
68	Apartments High Rise	1,519,808	1,788	44.69	244.85	22.39	122.70	31.41	172.11	10.61	58.16	11	1	1	1	1	31
69	Condo/Townhouse Gene	20,551	24	0.66	3.61	0.38	2.09	0.53	2.90	0.16	0.89	0	8	0	0	0	4
77	Condo/Townhouse Gene	69,347	82	2.22	12.17	1.29	7.05	1.78	9.77	0.55	3.02	0	2	0	0	0	4
79	Condo/Townhouse Gene	140,138	165	4.49	24.59	2.60	14.25	3.60	19.75	1.11	6.10	0	2	0	0	0	7
81	Condo/Townhouse Gene	283,888	334	9.09	49.81	5.27	28.86	7.30	40.01	2.25	12.35	0	2	0	0	0	15
83	Congregate Care (Assiste	6,363	7	0.15	0.83	0.04	0.24	0.07	0.36	0.03	0.18	0	14	0	0	0	1
97	Congregate Care (Assiste	18,738	22	0.45	2.45	0.13	0.70	0.19	1.06	0.09	0.52	0	2	0	0	0	0
99	Congregate Care (Assiste	50,768	60	1.21	6.65	0.35	1.89	0.52	2.86	0.26	1.41	0	11	0	0	0	6
110	Elementary School	5,843		0.13	0.69	0.17	0.92	0.21	1.13	0.04	0.21	0	22	0	0	0	5
132	Elementary School	19,001		0.41	2.23	0.54	2.98	0.67	3.68	0.13	0.70	0	5	0	0	0	3
137	Elementary School	36,421		0.78	4.28	1.04	5.71	1.29	7.05	0.24	1.34	0	2	0	0	0	3
139	Elementary School	38,604		0.83	4.53	1.11	6.06	1.36	7.47	0.26	1.42	0	1	0	0	0	1
140	University/College (4 yea	14,788		0.70	3.85	0.71	3.87	0.90	4.91	0.17	0.94	0	1	0	0	0	1
141	Place of Worship	20,173		0.28	1.51	0.36	1.98	0.43	2.36	0.08	0.44	0	6	0	0	0	3
147	Place of Worship	75,340		1.03	5.65	1.35	7.39	1.61	8.80	0.30	1.63	0	1	0	0	0	2
148	Place of Worship	84,620		1.16	6.35	1.51	8.30	1.80	9.88	0.33	1.83	0	1	0	0	0	2
149	High Turnover (sit-down)	8,000		1.29	7.06	1.82	9.96	2.38	13.02	0.45	2.46	0	137	0	0	0	326
286	Hotel	26,766		0.64	3.52	0.86	4.69	1.02	5.59	0.19	1.06	0	1	0	0	0	1
287	Hotel	60,457		1.45	7.96	1.94	10.60	2.30	12.62	0.44	2.40	0	1	0	0	0	2
288	Hotel	78,376		1.88	10.32	2.51	13.75	2.99	16.36	0.57	3.11	0	1	0	0	0	3
289	Strip Mall	14,180		0.78	4.30	1.10	6.04	1.41	7.73	0.27	1.49	0	17	0	0	0	24
306	Strip Mall	52,275		2.89	15.85	4.06	22.26	5.20	28.50	1.00	5.48	0	2	0	0	0	10
308	Strip Mall	104,513		5.78	31.70	8.12	44.51	10.40	56.99	2.00	10.96	0	1	0	0	0	10
309	Strip Mall	167,074		9.25	50.67	12.99	71.15	16.63	91.10	3.20	17.52	0	1	0	0	0	17
310	Supermarket	22,216		2.83	15.52	4.06	22.23	5.27	28.87	1.01	5.52	0	5	0	0	0	26
315	Supermarket	65,306		8.33	45.63	11.92	65.34	15.49	84.85	2.96	16.22	0	3	0	0	0	46
318	Convenience Market (24	10,000		9.06	49.64	13.06	71.54	17.12	93.83	3.26	17.89	0	1	0	0	0	17
319	General Office Building	13,889		0.24	1.32	0.31	1.71	0.39	2.13	0.07	0.41	0	8	0	0	0	3
327	General Office Building	68,656		1.19	6.51	1.54	8.46	1.92	10.54	0.37	2.03	0	3	0	0	0	6
330	General Office Building	125,467		2.17	11.90	2.82	15.46	3.51	19.26	0.68	3.70	0	2	0	0	0	7
332	General Office Building	212,759		3.68	20.18	4.79	26.22	5.96	32.66	1.15	6.28	0	2	0	0	0	12
334	General Office Building	376,831		6.52	35.74	8.48	46.44	10.56	57.84	2.03	11.12	0	1	0	0	0	11
335	Government Office Buildi	18,994		1.69	9.26	2.39	13.08	3.11	17.03	0.59	3.25	0	6	0	0	0	19
341	Government Office Buildi	70,203		6.25	34.24	8.82	48.35	11.49	62.94	2.20	12.03	0	3	0	0	0	34
344	Government Office Buildi	135,289		12.04	65.98	17.00	93.18	22.14	121.29	4.23	23.18	0	1	0	0	0	22
345	Government Office Buildi	239,141		21.28	116.63	30.06	1										

2015 Summary of Emissions by Urbemis Category

	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry	
Average Project Size (sq ft)	-	13,524	18,704	34,976	-	21,018	6,063	5,820	15,638	22,471	8,020	14,288	-	13,884	23,663	5,500	15,168	-	20,189	14,000	32,975	23,444	13,938	-
50,000	68,459	61,516	67,765	90,804	79,786	20,406	20,646	-	83,920	-	64,545	-	57,204	69,561	-	74,978	-	74,622	-	56,075	63,431	67,777	-	-
100,000	152,278	87,927	136,045	125,275	161,234	50,681	39,574	-	94,256	-	83,676	-	114,367	-	-	137,021	-	143,805	-	119,965	131,151	-	-	-
200,000	265,876	-	245,430	257,108	326,624	-	41,945	-	-	-	-	-	182,827	-	-	232,350	-	254,194	-	-	-	295,677	-	-
400,000	705,717	-	368,531	350,771	-	-	-	-	-	-	-	-	-	-	-	411,531	-	-	-	-	314,092	-	-	-
600,000	927,493	-	-	571,726	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	388,155	-	-	-
800,000	1,089,595	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000	1,831,881	-	-	1,673,475	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,364,491	-	-	-
2,000,000	6,109,665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Red text indicates formula reference to another sheet. Do not overwrite.

2015 Projected Projects and Emissions Forecasts

Projections	Urbemis Code	Project Size	du	URBEMIS Output Emissions (TPY, lb/day)										Mitigation Effectiveness (if > TOS)			Mitigation Effectiveness (if < TOS)			
				ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)	ROG TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction 2010-2014 (T)	TOS Project Capture Rate	TOS Emissions Capture Rate			
1	Single Family Housing	13,524	8	0.21	1.15	0.11	0.62	0.22	1.20	0.06	0.34	0	33	0	0	0	7	0	15%	0%
34	Single Family Housing	68,459	38	1.06	5.82	0.57	3.12	1.10	6.05	0.31	1.70	0	7	0	0	0	7	0		
41	Single Family Housing	152,278	85	2.36	12.94	1.27	6.94	2.46	13.46	0.69	3.78	0	4	0	0	0	9	0		
45	Single Family Housing	265,876	148	4.12	22.60	2.21	12.12	4.29	23.50	1.20	6.59	0	5	0	0	0	21	0		
50	Single Family Housing	705,717	392	10.95	59.98	5.87	32.17	11.38	62.38	3.19	17.50	11	1	1	1	1	11	1		
51	Single Family Housing	927,493	515	14.39	78.84	7.72	42.27	14.96	81.98	4.20	22.99	14	1	4	4	1	14	4		
52	Single Family Housing	1,089,595	605	16.90	92.61	9.06	49.66	17.58	96.30	4.93	27.01	17	1	7	7	1	17	7		
53	Single Family Housing	1,831,881	1,018	28.42	155.71	15.24	83.49	29.55	161.91	8.29	45.41	28	1	18	18	1	28	18		
54	Single Family Housing	6,109,665	3,394	94.77	519.31	50.82	278.47	98.55	540.01	27.64	151.47	95	2	28	2	2	190	57		
56	Apartments Low Rise	18,704	22	0.51	2.81	0.23	1.28	0.48	2.63	0.15	0.81	0	3	0	0	0	2	0		
59	Apartments Low Rise	61,516	72	1.69	9.24	0.77	4.19	1.58	8.64	0.49	2.68	0	1	0	0	0	2	0		
60	Apartments Low Rise	87,927	103	2.41	13.21	1.09	6.00	2.25	12.35	0.70	3.83	0	1	0	0	0	2	0		
61	Apartments Mid Rise	34,976	41	0.92	5.03	0.37	2.05	0.77	4.24	0.25	1.39	0	1	0	0	0	1	0		
62	Apartments Mid Rise	67,765	80	1.78	9.75	0.73	3.98	1.50	8.21	0.49	2.69	0	3	0	0	0	5	0		
65	Apartments Mid Rise	136,045	160	3.57	19.57	1.46	7.99	3.01	16.47	0.98	5.39	0	4	0	0	0	14	0		
69	Apartments Mid Rise	245,430	289	6.44	35.30	2.63	14.41	5.42	29.72	1.78	9.73	0	3	0	0	0	19	0		
72	Apartments Mid Rise	368,531	434	9.67	53.01	3.95	21.64	8.14	44.62	2.67	14.60	0	2	0	0	0	19	0		
74	Apartments High Rise	90,804	107	1.99	10.90	0.78	4.25	1.59	8.73	0.54	2.94	0	1	0	0	0	2	0		
75	Apartments High Rise	125,275	147	2.75	15.04	1.07	5.86	2.20	12.04	0.74	4.06	0	2	0	0	0	5	0		
77	Apartments High Rise	257,108	302	5.63	30.87	2.20	12.03	4.51	24.70	1.52	8.33	0	2	0	0	0	11	0		
79	Apartments High Rise	350,771	413	7.69	42.12	2.99	16.41	6.15	33.70	2.07	11.36	0	1	0	0	0	8	0		
80	Apartments High Rise	571,726	673	12.53	68.65	4.88	26.75	10.03	54.94	3.38	18.52	13	1	3	1	1	13	3		
81	Apartments High Rise	1,673,475	1,969	36.67	200.95	14.29	78.29	29.35	160.80	9.89	54.20	37	1	27	1	1	37	27		
82	Condo/Townhouse Genera	21,018	25	0.58	3.16	0.26	1.43	0.54	2.95	0.17	0.91	0	9	0	0	0	5	0		
91	Condo/Townhouse Genera	79,786	94	2.19	12.00	0.99	5.43	2.05	11.21	0.63	3.47	0	2	0	0	0	4	0		
93	Condo/Townhouse Genera	161,234	190	4.42	24.25	2.00	10.98	4.13	22.65	1.28	7.01	0	2	0	0	0	9	0		
95	Condo/Townhouse Genera	326,624	384	8.96	49.12	4.06	22.24	8.37	45.87	2.59	14.21	0	2	0	0	0	18	0		
97	Congregate Care (Assisted	6,063	7	0.14	0.74	0.03	0.17	0.06	0.34	0.03	0.17	0	16	0	0	0	2	0		
113	Congregate Care (Assisted	20,406	24	0.46	2.50	0.10	0.57	0.21	1.15	0.10	0.57	0	2	0	0	0	1	0		
115	Congregate Care (Assisted	50,681	60	1.13	6.20	0.26	1.41	0.52	2.86	0.26	1.41	0	12	0	0	0	14	0		
127	Elementary School	5,820	0.08	0.46	0.11	0.60	0.21	1.13	0.04	0.21	0	24	0	0	0	0	2	0		
151	Elementary School	20,646	0.30	1.63	0.39	2.13	0.73	4.00	0.14	0.76	0	5	0	0	0	0	1	0		
156	Elementary School	39,574	0.57	3.12	0.74	4.08	1.40	7.66	0.27	1.45	0	2	0	0	0	0	1	0		
158	Elementary School	41,945	0.60	3.31	0.79	4.32	1.48	8.12	0.28	1.54	0	1	0	0	0	0	1	0		
159	University/College (4 years)	15,638	0.51	2.80	0.48	2.64	0.94	5.18	0.18	0.99	0	1	0	0	0	0	1	0		
160	Place of Worship	22,471	0.21	1.17	0.27	1.49	0.47	2.59	0.09	0.49	0	6	0	0	0	0	1	0		
166	Place of Worship	83,920	0.80	4.36	1.02	5.57	1.77	9.68	0.33	1.82	0	1	0	0	0	0	1	0		
167	Place of Worship	94,256	0.89	4.89	1.14	6.25	1.98	10.87	0.37	2.04	0	1	0	0	0	0	1	0		
168	High Turnover (sit-down) R	8,020	0.83	4.55	1.15	6.31	2.38	13.06	0.45	2.47	0	148	0	0	0	0	123	0		
316	Hotel	14,288	0.23	1.27	0.31	1.68	0.55	2.99	0.10	0.57	0	2	0	0	0	0	0	0		
318	Hotel	64,545	1.05	5.75	1.38	7.57	2.47	13.51	0.47	2.56	0	1	0	0	0	0	1	0		
319	Hotel	83,676	1.36	7.46	1.79	9.82	3.20	17.52	0.61	3.32	0	1	0	0	0	0	1	0		
320	Strip Mall	13,884	0.50	2.73	0.69	3.79	1.38	7.57	0.26	1.43	0	19	0	0	0	0	9	0		
339	Strip Mall	57,204	2.05	11.26	2.85	15.60	5.69	31.19	1.08	5.91	0	2	0	0	0	0	4	0		
341	Strip Mall	114,367	4.11	22.51	5.69	31.18	11.38	62.36	2.15	11.81	0	1	0	0	0	0	4	0		
342	Strip Mall	182,827	6.57	35.98	9.10	49.84	18.19	99.69	3.44	18.88	0	1	0	0	0	0	7	0		
343	Supermarket	23,663	1.94	10.62	2.74	15.03	5.60	30.71	1.07	5.84	0	5	0	0	0	0	10	0		
348	Supermarket	69,561	5.70	31.23	8.06	44.19	16.48	90.28	3.13	17.17	0	3	0	0	0	0	17	0		
351	Convenience Market (24 H	5,500	3.18	17.42	4.53	24.84	9.39	51.48	1.79	9.80	0	2	0	0	0	0	6	0		
353	General Office Building	15,168	0.18	0.97	0.22	1.22	0.42	2.32	0.08	0.44	0	8	0	0	0	0	1	0		
361	General Office Building	74,978	0.87	4.79	1.10	6.02	2.10	11.48	0.40	2.18	0	3	0	0	0	0	3	0		
364	General Office Building	137,021	1.60																	

2015 Summary of Emissions by Urbemis Category

Average Project Size (sq ft)	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry
-	13,524	18,704	34,976	-	21,018	6,063	5,820	15,638	22,471	8,020	14,288	-	13,884	23,663	5,500	15,168	-	20,189	14,000	32,975	23,444	13,938	-
50,000	68,459	61,516	67,765	90,804	79,786	20,406	20,646	-	83,920	-	64,545	-	57,204	69,561	-	74,978	-	74,622	-	56,075	63,431	67,777	-
100,000	152,278	87,927	136,045	125,275	161,234	50,681	39,574	-	94,256	-	83,676	-	114,367	-	-	137,021	-	143,805	-	119,965	131,151	-	-
200,000	265,876	-	245,430	257,108	326,624	-	41,945	-	-	-	-	-	182,827	-	-	232,350	-	254,194	-	-	-	295,677	-
400,000	705,717	-	368,531	350,771	-	-	-	-	-	-	-	-	-	-	-	411,531	-	-	-	-	314,092	-	-
600,000	927,493	-	-	571,726	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	388,155	-	-
800,000	1,089,595	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000	1,831,881	-	-	1,673,475	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,364,491	-	-
2,000,000	6,109,665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Red text indicates formula reference to another sheet. Do not overwrite.

2015 Projected Projects and Emissions Forecasts

URBEMIS Output Emissions (TPY, lb/day)												Mitigation Effectiveness (if > TOS)		Mitigation Effectiveness (if < TOS)		TOS Project		TOS Emissions	
#	Urbemis Code	Project Size	du	ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)	NOX TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction 2010-2014 (T)	TOS Project Capture Rate	TOS Emissions Capture Rate		
1	Single Family Housing	13,524	8	0.21	1.15	0.11	0.62	0.22	1.20	0.06	0.34	10	404	103	515	1.5%	30%		
34	Single Family Housing	68,459	38	1.06	5.82	0.57	3.12	1.10	6.05	0.31	1.70	0	7	0	0	0	0		
41	Single Family Housing	152,278	85	2.36	12.94	1.27	6.94	2.46	13.46	0.69	3.78	0	4	0	0	0	0		
45	Single Family Housing	265,876	148	4.12	22.60	2.21	12.12	4.29	23.50	1.20	6.59	0	5	0	0	0	0		
50	Single Family Housing	705,717	392	10.95	59.98	5.87	32.17	11.38	62.38	3.19	17.50	0	1	0	0	0	0		
51	Single Family Housing	927,493	515	14.39	78.84	7.72	42.27	14.96	81.98	4.20	22.99	0	1	0	0	0	0		
52	Single Family Housing	1,089,595	605	16.90	92.61	9.06	49.66	17.58	96.30	4.93	27.01	0	1	0	0	0	0		
53	Single Family Housing	1,831,881	1,018	28.42	155.71	15.24	83.49	29.55	161.91	8.29	45.41	15	1	5	1	15	5		
54	Single Family Housing	6,109,665	3,394	94.77	519.31	50.82	278.47	98.55	540.01	27.64	151.47	51	2	82	2	102	163		
56	Apartments Low Rise	18,704	22	0.51	2.81	0.23	1.28	0.48	2.63	0.15	0.81	0	3	0	0	0	0		
59	Apartments Low Rise	61,516	72	1.69	9.24	0.77	4.19	1.58	8.64	0.49	2.68	0	1	0	0	1	0		
60	Apartments Low Rise	87,927	103	2.41	13.21	1.09	6.00	2.25	12.35	0.70	3.83	0	1	0	0	1	0		
61	Apartments Mid Rise	34,976	41	0.92	5.03	0.37	2.05	0.77	4.24	0.25	1.39	0	1	0	0	0	0		
62	Apartments Mid Rise	67,765	80	1.78	9.75	0.73	3.98	1.50	8.21	0.49	2.69	0	3	0	0	2	0		
65	Apartments Mid Rise	136,045	160	3.57	19.57	1.46	7.99	3.01	16.47	0.98	5.39	0	4	0	0	6	0		
69	Apartments Mid Rise	245,430	289	6.44	35.30	2.63	14.41	5.42	29.72	1.78	9.73	0	3	0	0	8	0		
72	Apartments Mid Rise	368,531	434	9.67	53.01	3.95	21.64	8.14	44.62	2.67	14.60	0	2	0	0	8	0		
74	Apartments High Rise	90,804	107	1.99	10.90	0.78	4.25	1.59	8.73	0.54	2.94	0	1	0	0	1	0		
75	Apartments High Rise	125,275	147	2.75	15.04	1.07	5.86	2.20	12.04	0.74	4.06	0	2	0	0	2	0		
77	Apartments High Rise	257,108	302	5.63	30.87	2.20	12.03	4.51	24.70	1.52	8.33	0	2	0	0	4	0		
79	Apartments High Rise	350,771	413	7.69	42.12	2.99	16.41	6.15	33.70	2.07	11.36	0	1	0	0	3	0		
80	Apartments High Rise	571,726	673	12.53	68.65	4.88	26.75	10.03	54.94	3.38	18.52	0	1	0	0	5	0		
81	Apartments High Rise	1,673,475	1,969	36.67	200.95	14.29	78.29	29.35	160.80	9.89	54.20	14	1	4	1	14	4		
82	Condo/Townhouse Genera	21,018	25	0.58	3.16	0.26	1.43	0.54	2.95	0.17	0.91	0	9	0	0	2	0		
91	Condo/Townhouse Genera	79,786	94	2.19	12.00	0.99	5.43	2.05	11.21	0.63	3.47	0	2	0	0	2	0		
93	Condo/Townhouse Genera	161,234	190	4.42	24.25	2.00	10.98	4.13	22.65	1.28	7.01	0	2	0	0	4	0		
95	Condo/Townhouse Genera	326,624	384	8.96	49.12	4.06	22.24	8.37	45.87	2.59	14.21	0	2	0	0	8	0		
97	Congregate Care (Assisted Living) Facility	6,063	7	0.14	0.74	0.03	0.17	0.06	0.34	0.03	0.17	0	16	0	0	0	0		
113	Congregate Care (Assisted Living) Facility	20,406	24	0.46	2.50	0.10	0.57	0.21	1.15	0.10	0.57	0	2	0	0	0	0		
115	Congregate Care (Assisted Living) Facility	50,681	60	1.13	6.20	0.26	1.41	0.52	2.86	0.26	1.41	0	12	0	0	3	0		
127	Elementary School	5,820	0.08	0.46	0.11	0.60	0.21	1.13	0.04	0.21	0.21	0	24	0	0	3	0		
151	Elementary School	20,646	0.30	1.63	0.39	2.13	0.73	4.00	0.14	0.76	0.76	0	5	0	0	2	0		
156	Elementary School	39,574	0.57	3.12	0.74	4.08	1.40	7.66	0.27	1.45	1.45	0	2	0	0	1	0		
158	Elementary School	41,945	0.60	3.31	0.79	4.32	1.48	8.12	0.28	1.54	1.54	0	1	0	0	1	0		
159	University/College (4 years)	15,638	0.51	2.80	0.48	2.64	0.94	5.18	0.18	0.99	0.99	0	1	0	0	0	0		
160	Place of Worship	22,471	0.21	1.17	0.27	1.49	0.47	2.59	0.09	0.49	0.49	0	6	0	0	2	0		
166	Place of Worship	83,920	0.80	4.36	1.02	5.57	1.77	9.68	0.33	1.82	1.82	0	1	0	0	1	0		
167	Place of Worship	94,256	0.89	4.89	1.14	6.25	1.98	10.87	0.37	2.04	2.04	0	1	0	0	1	0		
168	High Turnover (sit-down) R	8,020	0.83	4.55	1.15	6.31	2.38	13.06	0.45	2.47	2.47	0	148	0	0	170	0		
316	Hotel	14,288	0.23	1.27	0.31	1.68	0.55	2.99	0.10	0.57	0.57	0	2	0	0	1	0		
318	Hotel	64,545	1.05	5.75	1.38	7.57	2.47	13.51	0.47	2.56	2.56	0	1	0	0	1	0		
319	Hotel	83,676	1.36	7.46	1.79	9.82	3.20	17.52	0.61	3.32	3.32	0	1	0	0	2	0		
320	Strip Mall	13,884	0.50	2.73	0.69	3.79	1.38	7.57	0.26	1.43	1.43	0	19	0	0	13	0		
339	Strip Mall	57,204	2.05	11.26	2.85	15.60	5.69	31.19	1.08	5.91	5.91	0	2	0	0	6	0		
341	Strip Mall	114,367	4.11	22.51	5.69	31.18	11.38	62.36	2.15	11.81	11.81	0	1	0	0	6	0		
342	Strip Mall	182,827	6.57	35.98	9.10	49.84	18.19	99.69	3.44	18.88	18.88	0	1	0	0	9	0		
343	Supermarket	23,663	1.94	10.62	2.74	15.03	5.60	30.71	1.07	5.84	5.84	0	5	0	0	14	0		
348	Supermarket	69,561	5.70	31.23	8.06	44.19	16.48	90.28	3.13	17.17	17.17	0	3	0	0	24	0		
351	Convenience Market (24 H)	5,500	3.18	17.42	4.53	24.84	9.39	51.48	1.79	9.80	9.80	0	2	0	0	9	0		
353	General Office Building	15,168	0.18	0.97	0.22	1.22	0.42	2.32	0.08	0.44	0.44	0	8	0	0	2	0		
361	General Office Building	74,978	0.87	4.79	1.10	6.02	2.10	11.48	0.40	2.18	2.18	0	3	0	0	3	0		
364	General Office Building	137,021	1.60	8.75	2.01	11.00	3.83	20.98	0.73	3.99	3.99	0	2	0	0	4	0		
366	General Office Building	232,350	2.71	14.84	3.40	18.66	6.49	35.58	1.24	6.77	6.77	0	2	0	0	7	0		
368	General Office Building	411,531	4.80	26.28	6.03	33.04	11.50	63.01	2.19	11.99	11.99	0	1	0	0	6	0		
369	Government Office Buildin	20,189	1.16	6.34	1.61	8.84	3.30	18.07	0.63	3.42	3.42	0	6	0	0	10	0		
375	Government Office Buildin	74,622	4.27	23.42	5.96	32.66	12.19	66.77	2.31	12.66	12.66	0	3	0	0	18	0		
378	Government Office Buildin																		

2015 Summary of Emissions by Urbemis Category

	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry	
Average Project Size (sq ft)																								
-	13,524	18,704	34,976	-	21,018	6,063	5,820	15,638	22,471	8,020	14,288	-	13,884	23,663	5,500	15,168	-	20,189	14,000	32,975	23,444	13,938	-	
50,000	68,459	61,516	67,765	90,804	79,786	20,406	20,646	-	83,920	-	64,545	-	57,204	69,561	-	74,978	-	74,622	-	56,075	63,431	67,777	-	
100,000	152,278	87,927	136,045	125,275	161,234	50,681	39,574	-	94,256	-	83,676	-	114,367	-	-	137,021	-	143,805	-	119,965	131,151	-	-	
200,000	265,876	-	245,430	257,108	326,624	-	41,945	-	-	-	-	-	182,827	-	-	232,350	-	254,194	-	-	-	295,677	-	
400,000	705,717	-	368,531	350,771	-	-	-	-	-	-	-	-	-	-	-	411,531	-	-	-	-	314,092	-	-	
600,000	927,493	-	-	571,726	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	388,155	-	-	
800,000	1,089,595	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,000,000	1,831,881	-	-	1,673,475	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,364,491	-	-	
2,000,000	6,109,665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

*Red text indicates formula reference to another sheet. Do not overwrite.

2015 Projected Projects and Emissions Forecasts

#	Urbemis Code	Project Size	du	URBEMIS Output Emissions (TPY, lb/day)										Mitigation Effectiveness (if > TOS)		TOS Project		TOS Emissions	
				ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)	PM10 TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction 2010 (T)	Capture Rate	Capture Rate		
				15	404	242	1,209	3.0%	34%										
1	Single Family Housing	13,524	8	0.21	1.15	0.11	0.62	0.22	1.20	0.06	0.34	0	33	0	0	0	7	0	
34	Single Family Housing	68,459	38	1.06	5.82	0.57	3.12	1.10	6.05	0.31	1.70	0	7	0	0	0	8	0	
41	Single Family Housing	152,278	85	2.36	12.94	1.27	6.94	2.46	13.46	0.69	3.78	0	4	0	0	10	0		
45	Single Family Housing	265,876	148	4.12	22.60	2.21	12.12	4.29	23.50	1.20	6.59	0	5	0	0	0	21	0	
50	Single Family Housing	705,717	392	10.95	59.98	5.87	32.17	11.38	62.38	3.19	17.50	0	1	0	0	0	11	0	
51	Single Family Housing	927,493	515	14.39	78.84	7.72	42.27	14.96	81.98	4.20	22.99	0	1	0	0	0	15	0	
52	Single Family Housing	1,089,595	605	16.90	92.61	9.06	49.66	17.58	96.30	4.93	27.01	18	1	3	1	1	18	3	
53	Single Family Housing	1,831,881	1,018	28.42	155.71	15.24	83.49	29.55	161.91	8.29	45.41	30	1	15	1	1	30	15	
54	Single Family Housing	6,109,665	3,394	94.77	519.31	50.82	278.47	98.55	540.01	27.64	151.47	99	2	167	2	2	197	334	
56	Apartments Low Rise	18,704	22	0.51	2.81	0.23	1.28	0.48	2.63	0.15	0.81	0	3	0	0	0	1	0	
59	Apartments Low Rise	61,516	72	1.69	9.24	0.77	4.19	1.58	8.64	0.49	2.68	0	1	0	0	0	2	0	
60	Apartments Low Rise	87,927	103	2.41	13.21	1.09	6.00	2.25	12.35	0.70	3.83	0	1	0	0	0	2	0	
61	Apartments Mid Rise	34,976	41	0.92	5.03	0.37	2.05	0.77	4.24	0.25	1.39	0	1	0	0	0	1	0	
62	Apartments Mid Rise	67,765	80	1.78	9.75	0.73	3.98	1.50	8.21	0.49	2.69	0	3	0	0	0	4	0	
65	Apartments Mid Rise	136,045	160	3.57	19.57	1.46	7.99	3.01	16.47	0.98	5.39	0	4	0	0	0	12	0	
69	Apartments Mid Rise	245,430	289	6.44	35.30	2.63	14.41	5.42	29.72	1.78	9.73	0	3	0	0	0	16	0	
72	Apartments Mid Rise	368,531	434	9.67	53.01	3.95	21.64	8.14	44.62	2.67	14.60	0	2	0	0	0	16	0	
74	Apartments High Rise	90,804	107	1.99	10.90	0.78	4.25	1.59	8.73	0.54	2.94	0	1	0	0	0	2	0	
75	Apartments High Rise	125,275	147	2.75	15.04	1.07	5.86	2.20	12.04	0.74	4.06	0	2	0	0	0	4	0	
77	Apartments High Rise	257,108	302	5.63	30.87	2.20	12.03	4.51	24.70	1.52	8.33	0	2	0	0	0	9	0	
79	Apartments High Rise	350,771	413	7.69	42.12	2.99	16.41	6.15	33.70	2.07	11.36	0	1	0	0	0	6	0	
80	Apartments High Rise	571,726	673	12.53	68.65	4.88	26.75	10.03	54.94	3.38	18.52	0	1	0	0	0	10	0	
81	Apartments High Rise	1,673,475	1,969	36.67	200.95	14.29	78.29	29.35	160.80	9.89	54.20	29	1	14	1	1	29	14	
82	Condo/Townhouse General	21,018	25	0.58	3.16	0.26	1.43	0.54	2.95	0.17	0.91	0	9	0	0	0	5	0	
91	Condo/Townhouse General	79,786	94	2.19	12.00	0.99	5.43	2.05	11.21	0.63	3.47	0	2	0	0	0	4	0	
93	Condo/Townhouse General	161,234	190	4.42	24.25	2.00	10.98	4.13	22.65	1.28	7.01	0	2	0	0	0	8	0	
95	Condo/Townhouse General	326,624	384	8.96	49.12	4.06	22.24	8.37	45.87	2.59	14.21	0	2	0	0	0	17	0	
97	Congregate Care (Assisted)	6,063	7	0.14	0.74	0.03	0.17	0.06	0.34	0.03	0.17	0	16	0	0	0	1	0	
113	Congregate Care (Assisted)	20,406	24	0.46	2.50	0.10	0.57	0.21	1.15	0.10	0.57	0	2	0	0	0	0	0	
115	Congregate Care (Assisted)	50,681	60	1.13	6.20	0.26	1.41	0.52	2.86	0.26	1.41	0	12	0	0	0	6	0	
127	Elementary School	5,820	0.08	0.46	0.11	0.60	0.21	1.13	0.04	0.21	0.21	0	24	0	0	0	5	0	
151	Elementary School	20,646	0.30	1.63	0.39	2.13	0.73	4.00	0.14	0.76	0.76	0	5	0	0	0	4	0	
156	Elementary School	39,574	0.57	3.12	0.74	4.08	1.40	7.66	0.27	1.45	1.45	0	2	0	0	0	3	0	
158	Elementary School	41,945	0.60	3.31	0.79	4.32	1.48	8.12	0.28	1.54	1.54	0	1	0	0	0	1	0	
159	University/College (4 years)	15,638	0.51	2.80	0.48	2.64	0.94	5.18	0.18	0.99	0.99	0	1	0	0	0	1	0	
160	Place of Worship	22,471	0.21	1.17	0.27	1.49	0.47	2.59	0.09	0.49	0.49	0	6	0	0	0	3	0	
166	Place of Worship	83,920	0.80	4.36	1.02	5.57	1.77	9.68	0.33	1.82	1.82	0	1	0	0	0	2	0	
167	Place of Worship	94,256	0.89	4.89	1.14	6.25	1.98	10.87	0.37	2.04	2.04	0	1	0	0	0	2	0	
168	High Turnover (sit-down) Restaurant	8,020	0.83	4.55	1.15	6.31	2.38	13.06	0.45	2.47	2.47	0	148	0	0	0	353	0	
316	Hotel	14,288	0.23	1.27	0.31	1.68	0.55	2.99	0.10	0.57	0.57	0	2	0	0	0	1	0	
318	Hotel	64,545	1.05	5.75	1.38	7.57	2.47	13.51	0.47	2.56	2.56	0	1	0	0	0	2	0	
319	Hotel	83,676	1.36	7.46	1.79	9.82	3.20	17.52	0.61	3.32	3.32	0	1	0	0	0	3	0	
320	Strip Mall	13,884	0.50	2.73	0.69	3.79	1.38	7.57	0.26	1.43	1.43	0	19	0	0	0	26	0	
339	Strip Mall	57,204	2.05	11.26	2.85	15.60	5.69	31.19	1.08	5.91	5.91	0	2	0	0	0	11	0	
341	Strip Mall	114,367	4.11	22.51	5.69	31.18	11.38	62.36	2.15	11.81	11.81	0	1	0	0	0	11	0	
342	Strip Mall	182,827	6.57	35.98	9.10	49.84	18.19	99.69	3.44	18.88	18.88	18	1	3	1	1	18	3	
343	Supermarket	23,663	1.94	10.62	2.74	15.03	5.60	30.71	1.07	5.84	5.84	0	5	0	0	0	28	0	
348	Supermarket	69,561	5.70	31.23	8.06	44.19	16.48	90.28	3.13	17.17	17.17	16	3	4	3	3	49	13	
351	Convenience Market (24 Hr)	5,500	3.18	17.42	4.53	24.84	9.39	51.48	1.79	9.80	9.80	0	2	0	0	0	19	0	
353	General Office Building	15,168	0.18	0.97	0.22	1.22	0.42	2.32	0.08	0.44	0.44	0	8	0	0	0	3	0	
361	General Office Building	74,978	0.87	4.79	1.10	6.02	2.10	11.48	0.40	2.18	2.18	0	3	0	0	0	6	0	
364	General Office Building	137,021	1.60	8.75	2.01	11.00	3.83	20.98	0.73	3.99	3.99	0	2	0	0	0	8	0	
366	General Office Building	232,350	2.71	14.84	3.40	18.66	6.49	35.58	1.24	6.77	6.77	0	2	0	0	0	13	0	
368	General Office Building	4																	

2015 Summary of Emissions by Urbemis Category

Average Project Size (sq ft)	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry
-	13,524	18,704	34,976	-	21,018	6,063	5,820	15,638	22,471	8,020	14,288	-	13,884	23,663	5,500	15,168	-	20,189	14,000	32,975	23,444	13,938	-
50,000	68,459	61,516	67,765	90,804	79,786	20,406	20,646	-	83,920	-	64,545	-	57,204	69,561	-	74,978	-	74,622	-	56,075	63,431	67,777	-
100,000	152,278	87,927	136,045	125,275	161,234	50,681	39,574	-	94,256	-	83,676	-	114,367	-	-	137,021	-	143,805	-	119,965	131,151	-	-
200,000	265,876	-	245,430	257,108	326,624	-	41,945	-	-	-	-	-	182,827	-	-	232,350	-	254,194	-	-	-	295,677	-
400,000	705,717	-	368,531	350,771	-	-	-	-	-	-	-	-	-	-	-	411,531	-	-	-	-	314,092	-	-
600,000	927,493	-	-	571,726	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	388,155	-	-
800,000	1,089,595	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000	1,831,881	-	-	1,673,475	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,364,491	-	-
2,000,000	6,109,665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Red text indicates formula reference to another sheet. Do not overwrite.

2015 Projected Projects and Emissions Forecasts

#	Urbemis Code	Project Size	du	URBEMIS Output Emissions (TPY, lb/day)											Mitigation Effectiveness (if > TOS)		Mitigation Effectiveness (if < TOS)		TOS Project Capture Rate	TOS Emissions Capture Rate				
				ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)	PM _{2.5} TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction 2010-2014 (T)	15%	0%							
1	Single Family Housing	13,524	8	0.21	1.15	0.11	0.62	0.22	1.20	0.06	0.34	10	404	35	176	0.5%	25%							
34	Single Family Housing	68,459	38	1.06	5.82	0.57	3.12	1.10	6.05	0.31	1.70	0	7	0	0	0	2	0						
41	Single Family Housing	152,278	85	2.36	12.94	1.27	6.94	2.46	13.46	0.69	3.78	0	4	0	0	0	3	0						
45	Single Family Housing	265,876	148	4.12	22.60	2.21	12.12	4.29	23.50	1.20	6.59	0	5	0	0	0	6	0						
50	Single Family Housing	705,717	392	10.95	59.98	5.87	32.17	11.38	62.38	3.19	17.50	0	1	0	0	0	3	0						
51	Single Family Housing	927,493	515	14.39	78.84	7.72	42.27	14.96	81.98	4.20	22.99	0	1	0	0	0	4	0						
52	Single Family Housing	1,089,595	605	16.90	92.61	9.06	49.66	17.58	96.30	4.93	27.01	0	1	0	0	0	5	0						
53	Single Family Housing	1,831,881	1,018	28.42	155.71	15.24	83.49	29.55	161.91	8.29	45.41	0	1	0	0	0	8	0						
54	Single Family Housing	6,109,665	3,394	94.77	519.31	50.82	278.47	98.55	540.01	27.64	151.47	28	2	35	2	2	55	71						
56	Apartments Low Rise	18,704	22	0.51	2.81	0.23	1.28	0.48	2.63	0.15	0.81	0	3	0	0	0	0	0						
59	Apartments Low Rise	61,516	72	1.69	9.24	0.77	4.19	1.58	8.64	0.49	2.68	0	1	0	0	0	0	0						
60	Apartments Low Rise	87,927	103	2.41	13.21	1.09	6.00	2.25	12.35	0.70	3.83	0	1	0	0	0	1	0						
61	Apartments Mid Rise	34,976	41	0.92	5.03	0.37	2.05	0.77	4.24	0.25	1.39	0	1	0	0	0	0	0						
62	Apartments Mid Rise	67,765	80	1.78	9.75	0.73	3.98	1.50	8.21	0.49	2.69	0	3	0	0	0	1	0						
65	Apartments Mid Rise	136,045	160	3.57	19.57	1.46	7.99	3.01	16.47	0.98	5.39	0	4	0	0	0	4	0						
69	Apartments Mid Rise	245,430	289	6.44	35.30	2.63	14.41	5.42	29.72	1.78	9.73	0	3	0	0	0	5	0						
72	Apartments Mid Rise	368,531	434	9.67	53.01	3.95	21.64	8.14	44.62	2.67	14.60	0	2	0	0	0	5	0						
74	Apartments High Rise	90,804	107	1.99	10.90	0.78	4.25	1.59	8.73	0.54	2.94	0	1	0	0	0	1	0						
75	Apartments High Rise	125,275	147	2.75	15.04	1.07	5.86	2.20	12.04	0.74	4.06	0	2	0	0	0	1	0						
77	Apartments High Rise	257,108	302	5.63	30.87	2.20	12.03	4.51	24.70	1.52	8.33	0	2	0	0	0	3	0						
79	Apartments High Rise	350,771	413	7.69	42.12	2.99	16.41	6.15	33.70	2.07	11.36	0	1	0	0	0	2	0						
80	Apartments High Rise	571,726	673	12.53	68.65	4.88	26.75	10.03	54.94	3.38	18.52	0	1	0	0	0	3	0						
81	Apartments High Rise	1,673,475	1,969	36.67	200.95	14.29	78.29	29.35	160.80	9.89	54.20	0	1	0	0	0	10	0						
82	Condo/Townhouse General	21,018	25	0.58	3.16	0.26	1.43	0.54	2.95	0.17	0.91	0	9	0	0	0	2	0						
91	Condo/Townhouse General	79,786	94	2.19	12.00	0.99	5.43	2.05	11.21	0.63	3.47	0	2	0	0	0	1	0						
93	Condo/Townhouse General	161,234	190	4.42	24.25	2.00	10.98	4.13	22.65	1.28	7.01	0	2	0	0	0	3	0						
95	Condo/Townhouse General	326,624	384	8.96	49.12	4.06	22.24	8.37	45.87	2.59	14.21	0	2	0	0	0	5	0						
97	Congregate Care (Assisted I	6,063	7	0.14	0.74	0.03	0.17	0.06	0.34	0.03	0.17	0	16	0	0	0	0	0						
113	Congregate Care (Assisted I	20,406	24	0.46	2.50	0.10	0.57	0.21	1.15	0.10	0.57	0	2	0	0	0	0	0						
115	Congregate Care (Assisted I	50,681	60	1.13	6.20	0.26	1.41	0.52	2.86	0.26	1.41	0	12	0	0	0	3	0						
127	Elementary School	5,820		0.08	0.46	0.11	0.60	0.21	1.13	0.04	0.21	0	24	0	0	0	1	0						
151	Elementary School	20,646		0.30	1.63	0.39	2.13	0.73	4.00	0.14	0.76	0	5	0	0	0	1	0						
156	Elementary School	39,574		0.57	3.12	0.74	4.08	1.40	7.66	0.27	1.45	0	2	0	0	0	1	0						
158	Elementary School	41,945		0.60	3.31	0.79	4.32	1.48	8.12	0.28	1.54	0	1	0	0	0	0	0						
159	University/College (4 years)	15,638		0.51	2.80	0.48	2.64	0.94	5.18	0.18	0.99	0	1	0	0	0	0	0						
160	Place of Worship	22,471		0.21	1.17	0.27	1.49	0.47	2.59	0.09	0.49	0	6	0	0	0	1	0						
166	Place of Worship	83,920		0.80	4.36	1.02	5.57	1.77	9.68	0.33	1.82	0	1	0	0	0	0	0						
167	Place of Worship	94,256		0.89	4.89	1.14	6.25	1.98	10.87	0.37	2.04	0	1	0	0	0	0	0						
168	High Turnover (sit-down) R	8,020		0.83	4.55	1.15	6.31	2.38	13.06	0.45	2.47	0	148	0	0	0	67	0						
316	Hotel	14,288		0.23	1.27	0.31	1.68	0.55	2.99	0.10	0.57	0	2	0	0	0	0	0						
318	Hotel	64,545		1.05	5.75	1.38	7.57	2.47	13.51	0.47	2.56	0	1	0	0	0	0	0						
319	Hotel	83,676		1.36	7.46	1.79	9.82	3.20	17.52	0.61	3.32	0	1	0	0	0	1	0						
320	Strip Mall	13,884		0.50	2.73	0.69	3.79	1.38	7.57	0.26	1.43	0	19	0	0	0	5	0						
339	Strip Mall	57,204		2.05	11.26	2.85	15.60	5.69	31.19	1.08	5.91	0	2	0	0	0	2	0						
341	Strip Mall	114,367		4.11	22.51	5.69	31.18	11.38	62.36	2.15	11.81	0	1	0	0	0	2	0						
342	Strip Mall	182,827		6.57	35.98	9.10	49.84	18.19	99.69	3.44	18.88	0	1	0	0	0	3	0						
343	Supermarket	23,663		1.94	10.62	2.74	15.03	5.60	30.71	1.07	5.84	0	5	0	0	0	5	0						
348	Supermarket	69,561		5.70	31.23	8.06	44.19	16.48	90.28	3.13	17.17	0	3	0	0	0	9	0						
351	Convenience Market (24 Hc	5,500		3.18	17.42	4.53	24.84	9.39	51.48	1.79	9.80	0	2	0	0	0	4	0						
353	General Office Building	15,168		0.18	0.97	0.22	1.22	0.42	2.32	0.08	0.44	0	8	0	0	0	1	0						
361	General Office Building	74,978		0.87	4.79	1.10	6.02	2.10	11.48	0.40	2.18	0	3	0	0	0	1	0						
364	General Office Building	137,021		1.60	8.75	2.01	11.00	3.83	20.98	0.73	3.99	0	2	0	0	0	1	0						
366	General Office Building	232,350		2.71	14.84	3.40	18.66	6.49	35.58	1.24	6.77	0	2	0	0	0	2	0						
368	General Office Building	411,531		4.80	26.28	6.03	33.04	11.50	63.01	2.19	11.99	0	1	0	0	0	2	0						
369	Government Office Building	20,189		1.16	6.34	1.61	8.84	3.30	18.07	0.63	3.42	0	6											

2020 Summary of Emissions by Urbemis Category

Average Project Size (sq ft)	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry
-	13,581	19,196	36,229	-	19,977	5,997	5,859	16,573	21,230	8,013	15,336	-	13,660	20,926	6,500	14,735	-	18,423	14,750	35,837	25,489	15,036	-
50,000	72,914	63,135	70,194	94,057	84,260	21,446	18,765	-	92,499	-	69,278	-	62,207	55,362	-	81,941	-	79,443	-	60,942	68,963	73,119	-
100,000	162,188	90,241	140,920	129,764	170,275	49,166	43,162	-	103,892	-	89,812	-	124,371	-	-	149,746	-	153,096	-	130,377	142,590	76,001	-
200,000	283,179	-	254,225	266,322	344,939	-	45,748	-	-	-	-	-	198,818	-	-	253,929	-	270,616	-	140,915	-	318,980	-
400,000	375,822	-	381,737	363,340	-	-	-	-	-	-	-	-	-	-	-	449,750	-	-	-	-	341,487	-	-
600,000	987,852	-	-	592,213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	422,010	-	-
800,000	1,160,504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000	1,951,096	-	-	1,733,443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,483,499	-	-
2,000,000	6,507,269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Blue text indicates variables that can be adjusted to achieve the desired aggregate emissions reduction in cell P17

2020 Projected Projects and Emissions Forecasts

URBEMIS Output Emissions (TPY, lb/day)															Mitigation Effectiveness (if > TOS) 15%		Mitigation Effectiveness (if < TOS) 0%		TOS Project Capture Rate		TOS Emissions Capture Rate	
#	Urbemis Code	Project Size	du	URBEMIS Output Emissions (TPY, lb/day)										ROG TOS (TPY)	Frequency (Sum)	Reduction (TPY)	Aggregate Reduction (T)	TOS Project Capture Rate	TOS Emissions Capture Rate			
				ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)											
1	Single Family H	13,581	8	0.192	1.05	0.082	0.45	0.219	1.20	0.061	0	10	436	93	1,033	2%	43%					
36	Single Family H	72,914	41	1.033	5.66	0.438	2.40	1.174	6.43	0.328	2	0	7	0	0	0	7	0				
43	Single Family H	162,188	90	2.297	12.59	0.975	5.34	2.612	14.31	0.729	4	0	4	0	0	0	9	0				
47	Single Family H	283,179	157	4.011	21.98	1.703	9.33	4.560	24.99	1.273	7	0	5	0	0	0	20	0				
52	Single Family H	375,822	209	5.323	29.17	2.260	12.38	6.052	33.16	1.690	9	0	2	0	0	0	11	0				
54	Single Family H	987,852	549	13.991	76.66	5.941	32.55	15.907	87.16	4.442	24	14	1	4	1	1	14	14				
55	Single Family H	1,160,504	645	16.437	90.06	6.979	38.24	18.687	102.39	5.218	29	16	1	6	1	1	16	16				
56	Single Family H	1,951,096	1084	27.634	151.42	11.733	64.29	31.417	172.15	8.773	48	28	1	18	1	28	28	28				
57	Single Family H	6,507,269	3615	92.164	505.01	39.133	214.43	104.782	574.15	29.259	160	92	2	28	2	184	184	184				
59	Apartments Lov	19,196	23	0.487	2.67	0.173	0.95	0.492	2.70	0.152	1	0	3	0	0	0	1	0				
62	Apartments Lov	63,135	74	1.601	8.77	0.567	3.11	1.619	8.87	0.498	3	0	1	0	0	0	2	0				
63	Apartments Lov	90,241	106	2.288	12.54	0.811	4.44	2.314	12.68	0.712	4	0	1	0	0	0	2	0				
64	Apartments Mli	36,229	43	0.887	4.86	0.283	1.55	0.799	4.38	0.261	1	0	1	0	0	0	1	0				
65	Apartments Mli	70,194	83	1.718	9.41	0.548	3.00	1.549	8.49	0.505	3	0	3	0	0	0	5	0				
68	Apartments Mli	140,920	166	3.449	18.90	1.099	6.02	3.109	17.04	1.014	6	0	4	0	0	0	14	0				
72	Apartments Mli	254,225	299	6.222	34.09	1.983	10.87	5.609	30.74	1.830	10	0	3	0	0	0	19	0				
75	Apartments Mli	381,737	449	9.343	51.20	2.978	16.32	8.423	46.15	2.748	15	0	2	0	0	0	19	0				
77	Apartments Hig	94,057	111	2.263	12.40	0.692	3.79	1.936	10.61	0.653	4	0	1	0	0	0	2	0				
78	Apartments Hig	129,764	153	3.122	17.11	0.955	5.23	2.670	14.63	0.901	5	0	2	0	0	0	6	0				
80	Apartments Hig	266,322	313	6.408	35.11	1.959	10.73	5.481	30.03	1.848	10	0	2	0	0	0	13	0				
82	Apartments Hig	363,340	427	8.742	47.90	2.673	14.64	7.477	40.97	2.522	14	0	1	0	0	0	9	0				
83	Apartments Hig	592,213	697	14.249	78.07	4.356	23.87	12.187	66.78	4.110	23	14	1	4	1	14	14	14				
84	Apartments Hig	1,733,443	2039	41.707	228.53	12.751	69.87	35.673	195.47	12.030	66	42	1	32	1	42	42	42				
85	Condo/Townho	19,977	24	0.507	2.78	0.179	0.98	0.512	2.81	0.159	1	0	10	0	0	0	5	0				
95	Condo/Townho	84,260	99	2.138	11.71	0.756	4.14	2.160	11.83	0.669	4	0	2	0	0	0	4	0				
97	Condo/Townho	170,275	200	4.320	23.67	1.528	8.37	4.365	23.92	1.352	7	0	2	0	0	0	9	0				
99	Condo/Townho	344,939	406	8.752	47.96	3.096	16.96	8.842	48.45	2.739	15	0	2	0	0	0	18	0				
101	Congregate Car	5,997	7	0.131	0.72	0.025	0.14	0.062	0.34	0.030	0	0	17	0	0	0	2	0				
118	Congregate Car	21,446	25	0.468	2.57	0.088	0.48	0.221	1.21	0.109	1	0	2	0	0	0	1	0				
120	Congregate Car	49,166	58	1.074	5.88	0.202	1.11	0.506	2.77	0.249	1	0	13	0	0	0	14	0				
133	Elementary Sch	5,859	0.065	0.36	0.077	0.42	0.207	1.13	0.039	0	0	0	26	0	0	0	2	0				
159	Elementary Sch	18,765	1.14	0.209	1.14	0.246	1.35	0.663	3.63	0.126	1	0	6	0	0	0	1	0				
165	Elementary Sch	43,162	0.480	2.63	0.565	3.10	1.525	8.36	0.290	2	0	0	2	0	0	0	1	0				
167	Elementary Sch	45,748	0.509	2.79	0.599	3.28	1.617	8.86	0.307	2	0	0	1	0	0	0	1	0				
168	University/Colle	16,573	0.424	2.32	0.348	1.91	1.001	5.48	0.189	1	0	0	1	0	0	0	0	0				
169	Place of Worshi	21,230	0.156	0.86	0.184	1.01	0.447	2.45	0.084	0	0	0	7	0	0	0	1	0				
176	Place of Worshi	92,499	0.682	3.74	0.803	4.40	1.948	10.67	0.365	2	0	0	1	0	0	0	1	0				
177	Place of Worshi	103,892	0.766	4.20	0.902	4.94	2.188	11.99	0.410	2	0	0	1	0	0	0	1	0				
178	High Turnover (	8,013	0.620	3.40	0.770	4.22	2.380	13.04	0.450	2	0	0	160	0	0	0	99	0			
338	Hotel	15,336	0.193	1.06	0.232	1.27	0.586	3.21	0.111	1	0	0	2	0	0	0	0	0				
340	Hotel	69,278	0.872	4.78	1.047	5.74	2.647	14.50	0.502	3	0	0	1	0	0	0	1	0				
341	Hotel	89,812	1.131	6.20	1.357	7.44	3.431	18.80	0.650	4	0	0	1	0	0	0	1	0				
342	Strip Mall	13,660	0.374	2.05	0.458	2.51	1.355	7.43	0.257	1	0	0	21	0	0	0	8	0				
363	Strip Mall	62,207	1.703	9.33	2.088	11.44	6.172	33.82	1.172	6	0	0	2	0	0	0	3	0				
365	Strip Mall	124,371	3.405	18.66	4.174	22.87	12.339	67.61	2.343	13	0	0	1	0	0	0	3	0				
366	Strip Mall	198,818	5.444	29.83	6.673	36.56	19.726	108.09	3.746	21	0	0	1	0	0	0	5	0				
367	Supermarket	20,926	1.290	7.07	1.621	8.88	4.945	27.10	0.937	5	0	0	6	0	0	0	8	0				
373	Supermarket	55,362	3.413	18.70	4.288	23.50	13.084	71.69	2.480	14	0	0	4	0	0	0	14	0				
377	Convenience M	6,500	2.814	15.42	3.560	19.51	11.094	60.79	2.095	11	0	0	2	0	0	0	6	0				
379	General Office I	14,735	0.134	0.73	0.149	0.81	0.412	2.26	0.077	0	0	0	9	0	0	0	1	0				
388	General Office I	81,941	0.743	4.07	0.827	4.53	2.290	12.55	0.430	2	0	0	3	0	0	0	2	0				
391	General Office I	149,746	1.357	7.44	1.510	8.28	4.184	22.93	0.786	4	0	0	2	0	0	0	3	0				
393	General Office I	253,929	2.302	12.61	2.561	14.03	7.096	38.88	1.333	7	0	0	2	0	0	0	5	0				
395	General Office I	449,750	4.077	22.34	4.537	24.86	12.568	68.86	2.360	13	0	0										

2020 Summary of Emissions by Urbemis Category

	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry	
Average Project Size (sq ft)																								
-	13,581	19,196	36,229	-	19,977	5,997	5,859	16,573	21,230	8,013	15,336	-	13,660	20,926	6,500	14,735	-	18,423	14,750	35,837	25,489	15,036	-	
50,000	72,914	63,135	70,194	94,057	84,260	21,446	18,765	-	92,499	-	69,278	-	62,207	55,362	-	81,941	-	79,443	-	60,942	68,963	73,119	-	
100,000	162,188	90,241	140,920	129,764	170,275	49,166	43,162	-	103,892	-	89,812	-	124,371	-	-	149,746	-	153,096	-	130,377	142,590	76,001	-	
200,000	283,179	-	254,225	266,322	344,939	-	45,748	-	-	-	-	-	198,818	-	-	253,929	-	270,616	-	140,915	-	318,980	-	
400,000	375,822	-	381,737	363,340	-	-	-	-	-	-	-	-	-	-	-	449,750	-	-	-	-	341,487	-	-	
600,000	987,852	-	-	592,213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	422,010	-	-	
800,000	1,160,504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,000,000	1,951,096	-	-	1,733,443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,483,499	-	-	
2,000,000	6,507,269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

*Blue text indicates variables that can be adjusted to achieve the desired aggregate emissions reduction in cell P18 (which should equal the value in cell S18)

2020 Projected Projects and Emissions Forecasts

URBEMIS Output Emissions (TPY, lb/day)													NOX TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction (T)	TOS Project Capture Rate	TOS Emissions Capture Rate
#	Urbemis Code	Project Size	du	ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)	NOX TOS (TPY)	Project Type Frequency (Sum)	Reduction (TPY)	Aggregate Reduction (T)	TOS Project Capture Rate	TOS Emissions Capture Rate	
1	Single Family Hi	13,581	8	0.192	1.05	0.082	0.45	0.219	1.20	0.061	0	10	436	67	1,137	1%	25%	
36	Single Family Hi	72,914	41	1.033	5.66	0.438	2.40	1.174	6.43	0.328	2	0	7	0	0	0	0	
43	Single Family Hi	162,188	90	2.297	12.59	0.975	5.34	2.612	14.31	0.729	4	0	4	0	0	0	0	
47	Single Family Hi	283,179	157	4.011	21.98	1.703	9.33	4.560	24.99	1.273	7	0	5	0	0	0	0	
52	Single Family Hi	375,822	209	5.323	29.17	2.260	12.38	6.052	33.16	1.690	9	0	2	0	0	0	0	
54	Single Family Hi	987,852	549	13.991	76.66	5.941	32.55	15.907	87.16	4.442	24	0	1	0	0	0	0	
55	Single Family Hi	1,160,504	645	16.437	90.06	6.979	38.24	18.687	102.39	5.218	29	0	1	0	0	0	0	
56	Single Family Hi	1,951,096	1084	27.634	151.42	11.733	64.29	31.417	172.15	8.773	48	12	1	2	1	12	12	
57	Single Family Hi	6,507,269	3615	92.164	505.01	39.133	214.43	104.782	574.15	29.259	160	39	2	58	2	78	78	
59	Apartments Lov	19,196	23	0.487	2.67	0.173	0.95	0.492	2.70	0.152	1	0	3	0	0	1	0	
62	Apartments Lov	63,135	74	1.601	8.77	0.567	3.11	1.619	8.87	0.498	3	0	1	0	0	1	0	
63	Apartments Lov	90,241	106	2.288	12.54	0.811	4.44	2.314	12.68	0.712	4	0	1	0	0	1	0	
64	Apartments Mli	36,229	43	0.887	4.86	0.283	1.55	0.799	4.38	0.261	1	0	1	0	0	0	0	
65	Apartments Mli	70,194	83	1.718	9.41	0.548	3.00	1.549	8.49	0.505	3	0	3	0	0	2	0	
68	Apartments Mli	140,920	166	3.449	18.90	1.099	6.02	3.109	17.04	1.014	6	0	4	0	0	4	0	
72	Apartments Mli	254,225	299	6.222	34.09	1.983	10.87	5.609	30.74	1.830	10	0	3	0	0	6	0	
75	Apartments Mli	381,737	449	9.343	51.20	2.978	16.32	8.423	46.15	2.748	15	0	2	0	0	6	0	
77	Apartments Hig	94,057	111	2.263	12.40	0.692	3.79	1.936	10.61	0.653	4	0	1	0	0	1	0	
78	Apartments Hig	129,764	153	3.122	17.11	0.955	5.23	2.670	14.63	0.901	5	0	2	0	0	2	0	
80	Apartments Hig	266,322	313	6.408	35.11	1.959	10.73	5.481	30.03	1.848	10	0	2	0	0	4	0	
82	Apartments Hig	363,340	427	8.742	47.90	2.673	14.64	7.477	40.97	2.522	14	0	1	0	0	3	0	
83	Apartments Hig	592,213	697	14.249	78.07	4.356	23.87	12.187	66.78	4.110	23	0	1	0	0	4	0	
84	Apartments Hig	1,733,443	2039	41.707	228.53	12.751	69.87	35.673	195.47	12.030	66	13	1	3	1	13	13	
85	Condo/Townho	19,977	24	0.507	2.78	0.179	0.98	0.512	2.81	0.159	1	0	10	0	0	2	0	
95	Condo/Townho	84,260	99	2.138	11.71	0.756	4.14	2.160	11.83	0.669	4	0	2	0	0	2	0	
97	Condo/Townho	170,275	200	4.320	23.67	1.528	8.37	4.365	23.92	1.352	7	0	2	0	0	3	0	
99	Condo/Townho	344,939	406	8.752	47.96	3.096	16.96	8.842	48.45	2.739	15	0	2	0	0	6	0	
101	Congregate Car	5,997	7	0.131	0.72	0.025	0.14	0.062	0.34	0.030	0	0	17	0	0	0	0	
118	Congregate Car	21,446	25	0.468	2.57	0.088	0.48	0.221	1.21	0.109	1	0	2	0	0	0	0	
120	Congregate Car	49,166	58	1.074	5.88	0.202	1.11	0.506	2.77	0.249	1	0	13	0	0	3	0	
133	Elementary Sch	5,859	0.065	0.36	0.077	0.42	0.207	1.13	0.039	0	0	0	26	0	0	2	0	
159	Elementary Sch	18,765	1.14	0.209	1.14	0.246	1.35	0.663	3.63	0.126	1	0	6	0	0	1	0	
165	Elementary Sch	43,162	0.480	2.63	0.565	3.10	1.525	8.36	0.290	2	0	2	0	0	1	0		
167	Elementary Sch	45,748	0.509	2.79	0.599	3.28	1.617	8.86	0.307	2	0	1	0	0	1	0		
168	University/Colle	16,573	0.424	2.32	0.348	1.91	1.001	5.48	0.189	1	0	1	0	0	0	0	0	
169	Place of Worshi	21,230	0.156	0.86	0.184	1.01	0.447	2.45	0.084	0	0	0	7	0	0	1	0	
176	Place of Worshi	92,499	0.682	3.74	0.803	4.40	1.948	10.67	0.365	2	0	1	0	0	0	1	0	
177	Place of Worshi	103,892	0.766	4.20	0.902	4.94	2.188	11.99	0.410	2	0	1	0	0	0	1	0	
178	High Turnover (	8,013	0.620	3.40	0.770	4.22	2.380	13.04	0.450	2	0	0	160	0	0	123	0
338	Hotel	15,336	0.193	1.06	0.232	1.27	0.586	3.21	0.111	1	0	2	0	0	0	0	0	
340	Hotel	69,278	0.872	4.78	1.047	5.74	2.647	14.50	0.502	3	0	1	0	0	0	1	0	
341	Hotel	89,812	1.131	6.20	1.357	7.44	3.431	18.80	0.650	4	0	1	0	0	0	1	0	
342	Strip Mall	13,660	0.374	2.05	0.458	2.51	1.355	7.43	0.257	1	0	21	0	0	0	10	0	
363	Strip Mall	62,207	1.703	9.33	2.088	11.44	6.172	33.82	1.172	6	0	2	0	0	0	4	0	
365	Strip Mall	124,371	3.405	18.66	4.174	22.87	12.339	67.61	2.343	13	0	1	0	0	0	4	0	
366	Strip Mall	198,818	5.444	29.83	6.673	36.56	19.726	108.09	3.746	21	0	1	0	0	0	7	0	
367	Supermarket	20,926	1.290	7.07	1.621	8.88	4.945	27.10	0.937	5	0	6	0	0	0	10	0	
373	Supermarket	55,362	3.413	18.70	4.288	23.50	13.084	71.69	2.480	14	0	4	0	0	0	17	0	
377	Convenience M	6,500	2.814	15.42	3.560	19.51	11.094	60.79	2.095	11	0	2	0	0	0	7	0	
379	General Office I	14,735	0.134	0.73	0.149	0.81	0.412	2.26	0.077	0	0	9	0	0	0	1	0	
388	General Office I	81,941	0.743	4.07	0.827	4.53	2.290	12.55	0.430	2	0	3	0	0	0	2	0	
391	General Office I	149,746	1.357	7.44	1.510	8.28	4.184	22.93	0.786	4	0	2	0	0	0	3	0	
393	General Office I	253,929	2.302	12.61	2.561	14.03	7.096	38.88	1.333	7	0	2	0	0	0	5	0	
395	General Office I	449,750	4.077	22.34	4.537	24.86	12.568	68.86	2.360	13	0	1	0	0	0	5	0	
396	Government Of	18,423	0.796	4.36	0.984	5.39	3.006	16.47	0.567	3	0	7	0	0	0	7	0	
403	Government Of	79,443	3.431	18.80	4.242	23.25	12.961	71.02	2.447	13	0	3	0	0	0	13	0	
406	Government Of	153,096	6.612	36.23	8.176	44.80	24.978	136.86	4.716	26	0	1	0	0	0	8	0	

2020 Summary of Emissions by Urbemis Category

Average Project Size (sq ft)	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry
-	13,581	19,196	36,229	-	19,977	5,997	5,859	16,573	21,230	8,013	15,336	-	13,660	20,926	6,500	14,735	-	18,423	14,750	35,837	25,489	15,036	-
50,000	72,914	63,135	70,194	94,057	84,260	21,446	18,765	-	92,499	-	69,278	-	62,207	55,362	-	81,941	-	79,443	-	60,942	68,963	73,119	-
100,000	162,188	90,241	140,920	129,764	170,275	49,166	43,162	-	103,892	-	89,812	-	124,371	-	-	149,746	-	153,096	-	130,377	142,590	76,001	-
200,000	283,179	-	254,225	266,322	344,939	-	45,748	-	-	-	-	-	198,818	-	-	253,929	-	270,616	-	140,915	-	318,980	-
400,000	375,822	-	381,737	363,340	-	-	-	-	-	-	-	-	-	-	-	449,750	-	-	-	-	341,487	-	-
600,000	987,852	-	-	592,213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	422,010	-	-
800,000	1,160,504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000	1,951,096	-	-	1,733,443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,483,499	-	-
2,000,000	6,507,269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Blue text indicates variables that can be adjusted to achieve the desired aggregate emissions reduction in cell P18 (which should equal the value in cell S18)

2020 Projected Projects and Emissions Forecasts

#	Urbemis Code	Project Size	du	URBEMIS Output Emissions (TPY, lb/day)										PM10 TOS (TPY)	Mitigation Effectiveness (if > TOS)		TOS Project Capture Rate	TOS Emissions Capture Rate	
				ROG (TPY)		NO _x (TPY)		PM ₁₀ (TPY)		PM _{2.5} (TPY)		Frequency (Sum)	Reduction (TPY)		Aggregate Reduction (T)	Mitigation Effectiveness (if < TOS)			
				ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)					15%			0%
1	Single Family H	13,581	8	0.192	1.05	0.082	0.45	0.219	1.20	0.061	0	15	436	119	1,867	2%	31%		
36	Single Family H	72,914	41	1.033	5.66	0.438	2.40	1.174	6.43	0.328	2	0	7	0	0	0	0		
43	Single Family H	162,188	90	2.297	12.59	0.975	5.34	2.612	14.31	0.729	4	0	4	0	0	0	0		
47	Single Family H	283,179	157	4.011	21.98	1.703	9.33	4.560	24.99	1.273	7	0	5	0	0	0	0		
52	Single Family H	375,822	209	5.323	29.17	2.260	12.38	6.052	33.16	1.690	9	0	2	0	0	0	0		
54	Single Family H	987,852	549	13.991	76.66	5.941	32.55	15.907	87.16	4.442	24	16	1	1	1	1	16		
55	Single Family H	1,160,504	645	16.437	90.06	6.979	38.24	18.687	102.39	5.218	29	19	1	4	1	1	19		
56	Single Family H	1,951,096	1084	27.634	151.42	11.733	64.29	31.417	172.15	8.773	48	31	1	16	1	1	31		
57	Single Family H	6,507,269	3615	92.164	505.01	39.133	214.43	104.782	574.15	29.259	160	105	2	31	2	2	210		
59	Apartments Lov	19,196	23	0.487	2.67	0.173	0.95	0.492	2.70	0.152	1	0	3	0	0	0	0		
62	Apartments Lov	63,135	74	1.601	8.77	0.567	3.11	1.619	8.87	0.498	3	0	1	0	0	0	2		
63	Apartments Lov	90,241	106	2.288	12.54	0.811	4.44	2.314	12.68	0.712	4	0	1	0	0	0	2		
64	Apartments Mli	36,229	43	0.887	4.86	0.283	1.55	0.799	4.38	0.261	1	0	1	0	0	0	1		
65	Apartments Mli	70,194	83	1.718	9.41	0.548	3.00	1.549	8.49	0.505	3	0	3	0	0	0	5		
68	Apartments Mli	140,920	166	3.449	18.90	1.099	6.02	3.109	17.04	1.014	6	0	4	0	0	0	12		
72	Apartments Mli	254,225	299	6.222	34.09	1.983	10.87	5.609	30.74	1.830	10	0	3	0	0	0	17		
75	Apartments Mli	381,737	449	9.343	51.20	2.978	16.32	8.423	46.15	2.748	15	0	2	0	0	0	17		
77	Apartments Hig	94,057	111	2.263	12.40	0.692	3.79	1.936	10.61	0.653	4	0	1	0	0	0	2		
78	Apartments Hig	129,764	153	3.122	17.11	0.955	5.23	2.670	14.63	0.901	5	0	2	0	0	0	5		
80	Apartments Hig	266,322	313	6.408	35.11	1.959	10.73	5.481	30.03	1.848	10	0	2	0	0	0	11		
82	Apartments Hig	363,340	427	8.742	47.90	2.673	14.64	7.477	40.97	2.522	14	0	1	0	0	0	7		
83	Apartments Hig	592,213	697	14.249	78.07	4.356	23.87	12.187	66.78	4.110	23	0	1	0	0	0	12		
84	Apartments Hig	1,733,443	2039	41.707	228.53	12.715	69.87	35.673	195.47	12.030	66	36	1	21	1	1	36		
85	Condo/Townho	19,977	24	0.507	2.78	0.179	0.98	0.512	2.81	0.159	1	0	10	0	0	0	5		
95	Condo/Townho	84,260	99	2.138	11.71	0.756	4.14	2.160	11.83	0.669	4	0	2	0	0	0	4		
97	Condo/Townho	170,275	200	4.320	23.67	1.528	8.37	4.365	23.92	1.352	7	0	2	0	0	0	9		
99	Condo/Townho	344,939	406	8.752	47.96	3.096	16.96	8.842	48.45	2.739	15	0	2	0	0	0	18		
101	Congregate Car	5,997	7	0.131	0.72	0.025	0.14	0.062	0.34	0.030	0	0	17	0	0	0	1		
118	Congregate Car	21,446	25	0.468	2.57	0.088	0.48	0.221	1.21	0.109	1	0	2	0	0	0	0		
120	Congregate Car	49,166	58	1.074	5.88	0.202	1.11	0.506	2.77	0.249	1	0	13	0	0	0	7		
133	Elementary Sch	5,859	7	0.065	0.36	0.077	0.42	0.207	1.13	0.039	0	0	26	0	0	0	5		
159	Elementary Sch	18,765	14	0.209	1.14	0.246	1.35	0.663	3.63	0.126	1	0	6	0	0	0	4		
165	Elementary Sch	43,162	43	0.480	2.63	0.565	3.10	1.525	8.36	0.290	2	0	2	0	0	0	3		
167	Elementary Sch	45,748	43	0.509	2.79	0.599	3.28	1.617	8.86	0.307	2	0	1	0	0	0	2		
168	University/Colle	16,573	10	0.424	2.32	0.348	1.91	1.001	5.48	0.189	1	0	1	0	0	0	1		
169	Place of Worshi	21,230	10	0.156	0.86	0.184	1.01	0.447	2.45	0.084	0	0	7	0	0	0	3		
176	Place of Worshi	92,499	43	0.682	3.74	0.803	4.40	1.948	10.67	0.365	2	0	1	0	0	0	2		
177	Place of Worshi	103,892	43	0.766	4.20	0.902	4.94	2.188	11.99	0.410	2	0	1	0	0	0	2		
178	High Turnover (	8,013	4	0.620	3.40	0.770	4.22	2.380	13.04	0.450	2	0	160	0	0	0	381	
338	Hotel	15,336	8	0.193	1.06	0.232	1.27	0.586	3.21	0.111	1	0	2	0	0	0	1		
340	Hotel	69,278	47	0.872	4.78	1.047	5.74	2.647	14.50	0.502	3	0	1	0	0	0	3		
341	Hotel	89,812	53	1.131	6.20	1.357	7.44	3.431	18.80	0.650	4	0	1	0	0	0	3		
342	Strip Mall	13,660	8	0.374	2.05	0.458	2.51	1.355	7.43	0.257	1	0	21	0	0	0	28		
363	Strip Mall	62,207	40	1.703	9.33	2.088	11.44	6.172	33.82	1.172	6	0	2	0	0	0	12		
365	Strip Mall	124,371	82	3.405	18.66	4.174	22.87	12.339	67.61	2.343	13	0	1	0	0	0	12		
366	Strip Mall	198,818	126	5.444	29.83	6.673	36.56	19.726	108.09	3.746	21	20	1	5	1	1	20		
367	Supermarket	20,926	14	1.290	7.07	1.621	8.88	4.945	27.10	0.937	5	0	6	0	0	0	30		
373	Supermarket	55,362	36	3.413	18.70	4.288	23.50	13.084	71.69	2.480	14	0	4	0	0	0	52		
377	Convenience M	6,500	4	2.814	15.42	3.560	19.51	11.094	60.79	2.095	11	0	2	0	0	0	22		
379	General Office I	14,735	10	0.134	0.73	0.149	0.81	0.412	2.26	0.077	0	0	9	0	0	0	4		
388	General Office I	81,941	53	0.743	4.07	0.827	4.53	2.290	12.55	0.430	2	0	3	0	0	0	7		
391	General Office I	149,746	93	1.357	7.44	1.510	8.28	4.184	22.93	0.786	4	0	2	0	0	0	8		
393	General Office I	253,929	163	2.302	12.61	2.561	14.03	7.096	38.88	1.333	7	0	2	0	0	0	14		
395	General Office I	449,750	280	4.077	22.34	4.537	24.86	12.568	68.86	2.360	13	0	1	0	0	0	13		
396	Government Of	18,423	13	0.796	4.36	0.984	5.39	3.006	16.47	0.567	3	0	7	0	0	0	21		
403	Government Of	79,443	53	3.431	18.80	4.242	23.25	12.961	7										

2020 Summary of Emissions by Urbemis Category

Average Project Size (sq ft)	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover (sit-down) Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry
-	13,581	19,196	36,229	-	19,977	5,997	5,859	16,573	21,230	8,013	15,336	-	13,660	20,926	6,500	14,735	-	18,423	14,750	35,837	25,489	15,036	-
50,000	72,914	63,135	70,194	94,057	84,260	21,446	18,765	-	92,499	-	69,278	-	62,207	55,362	-	81,941	-	79,443	-	60,942	68,963	73,119	-
100,000	162,188	90,241	140,920	129,764	170,275	49,166	43,162	-	103,892	-	89,812	-	124,371	-	-	149,746	-	153,096	-	130,377	142,590	76,001	-
200,000	283,179	-	254,225	266,322	344,939	-	45,748	-	-	-	-	-	198,818	-	-	253,929	-	270,616	-	140,915	-	318,980	-
400,000	375,822	-	381,737	363,340	-	-	-	-	-	-	-	-	-	-	-	449,750	-	-	-	-	341,487	-	-
600,000	987,852	-	-	592,213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	422,010	-	-
800,000	1,160,504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000	1,951,096	-	-	1,733,443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,483,499	-	-
2,000,000	6,507,269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Blue text indicates variables that can be adjusted to achieve the desired aggregate emissions reduction in cell P18 (which should equal the value in cell S18)

2020 Projected Projects and Emissions Forecasts

URBEMIS Output Emissions (TPY, lb/day)												Mitigation Effectiveness (if > TOS) 15%		Mitigation Effectiveness (if < TOS) 0%		TOS Project Capture Rate	TOS Emissions Capture Rate	
#	Urbemis Code	Project Size	du	ROG (TPY)	ROG (lb/day)	NO _x (TPY)	NO _x (lb/day)	PM ₁₀ (TPY)	PM ₁₀ (lb/day)	PM _{2.5} (TPY)	PM _{2.5} (lb/day)	PM2.5 TOS (TPY)	Project Frequency (Sum)	Project Type Reduction (TPY)	Aggregate Reduction (T)			
																1	Single Family Hi	13,581	8	0.192	1.05	0.082	0.45	0.219	1.20	0.061	0	10	436	41	344	1%	23%
36	Single Family Hi	72,914	41	1.033	5.66	0.438	2.40	1.174	6.43	0.328	2	0	7	0	0	0	0	0
43	Single Family Hi	162,188	90	2.297	12.59	0.975	5.34	2.612	14.31	0.729	4	0	4	0	0	0	0	0
47	Single Family Hi	283,179	157	4.011	21.98	1.703	9.33	4.560	24.99	1.273	7	0	5	0	0	0	0	0
52	Single Family Hi	375,822	209	5.323	29.17	2.260	12.38	6.052	33.16	1.690	9	0	2	0	0	0	0	0
54	Single Family Hi	987,852	549	13.991	76.66	5.941	32.55	15.907	87.16	4.442	24	0	1	0	0	0	0	0
55	Single Family Hi	1,160,504	645	16.437	90.06	6.979	38.24	18.687	102.39	5.218	29	0	1	0	0	0	0	0
56	Single Family Hi	1,951,096	1084	27.634	151.42	11.733	64.29	31.417	172.15	8.773	48	0	1	0	0	0	0	0
57	Single Family Hi	6,507,269	3615	92.164	505.01	39.133	214.43	104.782	574.15	29.259	160	29	2	39	2	2	59	59
59	Apartments Lov	19,196	23	0.487	2.67	0.173	0.95	0.492	2.70	0.152	1	0	3	0	0	0	0	0
62	Apartments Lov	63,135	74	1.601	8.77	0.567	3.11	1.619	8.87	0.498	3	0	1	0	0	0	0	0
63	Apartments Lov	90,241	106	2.288	12.54	0.811	4.44	2.314	12.68	0.712	4	0	1	0	0	0	1	0
64	Apartments Mli	36,229	43	0.887	4.86	0.283	1.55	0.799	4.38	0.261	1	0	1	0	0	0	0	0
65	Apartments Mli	70,194	83	1.718	9.41	0.548	3.00	1.549	8.49	0.505	3	0	3	0	0	0	2	0
68	Apartments Mli	140,920	166	3.449	18.90	1.099	6.02	3.109	17.04	1.014	6	0	4	0	0	0	4	0
72	Apartments Mli	254,225	299	6.222	34.09	1.983	10.87	5.609	30.74	1.830	10	0	3	0	0	0	5	0
75	Apartments Mli	381,737	449	9.343	51.20	2.978	16.32	8.423	46.15	2.748	15	0	2	0	0	0	5	0
77	Apartments Hig	94,057	111	2.263	12.40	0.692	3.79	1.936	10.61	0.653	4	0	1	0	0	0	1	0
78	Apartments Hig	129,764	153	3.122	17.11	0.955	5.23	2.670	14.63	0.901	5	0	2	0	0	0	2	0
80	Apartments Hig	266,322	313	6.408	35.11	1.959	10.73	5.481	30.03	1.848	10	0	2	0	0	0	4	0
82	Apartments Hig	363,340	427	8.742	47.90	2.673	14.64	7.477	40.97	2.522	14	0	1	0	0	0	3	0
83	Apartments Hig	592,213	697	14.249	78.07	4.356	23.87	12.187	66.78	4.110	23	0	1	0	0	0	4	0
84	Apartments Hig	1,733,443	2039	41.707	228.53	12.751	69.87	35.673	195.47	12.030	66	12	1	2	1	1	12	12
85	Condo/Townho	19,977	24	0.507	2.78	0.179	0.98	0.512	2.81	0.159	1	0	10	0	0	0	2	0
95	Condo/Townho	84,260	99	2.138	11.71	0.756	4.14	2.160	11.83	0.669	4	0	2	0	0	0	1	0
97	Condo/Townho	170,275	200	4.320	23.67	1.528	8.37	4.365	23.92	1.352	7	0	2	0	0	0	3	0
99	Condo/Townho	344,939	406	8.752	47.96	3.096	16.96	8.842	48.45	2.739	15	0	2	0	0	0	5	0
101	Congregate Car	5,997	7	0.131	0.72	0.025	0.14	0.062	0.34	0.030	0	0	17	0	0	0	1	0
118	Congregate Car	21,446	25	0.468	2.57	0.088	0.48	0.221	1.21	0.109	1	0	2	0	0	0	0	0
120	Congregate Car	49,166	58	1.074	5.88	0.202	1.11	0.506	2.77	0.249	1	0	13	0	0	0	3	0
133	Elementary Sch	5,859	7	0.065	0.36	0.077	0.42	0.207	1.13	0.039	0	0	26	0	0	0	1	0
159	Elementary Sch	18,765	14	0.209	1.14	0.246	1.35	0.663	3.63	0.126	1	0	6	0	0	0	1	0
165	Elementary Sch	43,162	33	0.480	2.63	0.565	3.10	1.525	8.36	0.290	2	0	2	0	0	0	1	0
167	Elementary Sch	45,748	35	0.509	2.79	0.599	3.28	1.617	8.86	0.307	2	0	1	0	0	0	0	0
168	University/Colle	16,573	13	0.424	2.32	0.348	1.91	1.001	5.48	0.189	1	0	1	0	0	0	0	0
169	Place of Worshi	21,230	17	0.156	0.86	0.184	1.01	0.447	2.45	0.084	0	0	7	0	0	0	1	0
176	Place of Worshi	92,499	76	0.682	3.74	0.803	4.40	1.948	10.67	0.365	2	0	1	0	0	0	0	0
177	Place of Worshi	103,892	84	0.766	4.20	0.902	4.94	2.188	11.99	0.410	2	0	1	0	0	0	0	0
178	High Turnover (	8,013	7	0.620	3.40	0.770	4.22	2.380	13.04	0.450	2	0	160	0	0	0	72	0
338	Hotel	15,336	13	0.193	1.06	0.232	1.27	0.586	3.21	0.111	1	0	2	0	0	0	0	0
340	Hotel	69,278	57	0.872	4.78	1.047	5.74	2.647	14.50	0.502	3	0	1	0	0	0	1	0
341	Hotel	89,812	74	1.131	6.20	1.357	7.44	3.431	18.80	0.650	4	0	1	0	0	0	1	0
342	Strip Mall	13,660	11	0.374	2.05	0.458	2.51	1.355	7.43	0.257	1	0	21	0	0	0	5	0
363	Strip Mall	62,207	51	1.703	9.33	2.088	11.44	6.172	33.82	1.172	6	0	2	0	0	0	2	0
365	Strip Mall	124,371	103	3.405	18.66	4.174	22.87	12.339	67.61	2.343	13	0	1	0	0	0	2	0
366	Strip Mall	198,818	166	5.444	29.83	6.673	36.56	19.726	108.09	3.746	21	0	1	0	0	0	4	0
367	Supermarket	20,926	17	1.290	7.07	1.621	8.88	4.945	27.10	0.937	5	0	6	0	0	0	6	0
373	Supermarket	55,362	46	3.413	18.70	4.288	23.50	13.084	71.69	2.480	14	0	4	0	0	0	10	0
377	Convenience M	6,500	5	2.814	15.42	3.560	19.51	11.094	60.79	2.095	11	0	2	0	0	0	4	0
379	General Office I	14,735	12	0.134	0.73	0.149	0.81	0.412	2.26	0.077	0	0	9	0	0	0	1	0
388	General Office I	81,941	67	0.743	4.07	0.827	4.53	2.290	12.55	0.430	2	0	3	0	0	0	1	0
391	General Office I	149,746	124	1.357	7.44	1.510	8.28	4.184	22.93	0.786	4	0	2	0	0	0	2	0
393	General Office I	253,929	203	2.302	12.61	2.561	14.03	7.096	38.88	1.333	7	0	2	0	0	0	3	0
395	General Office I	449,750	367	4.077	22.34	4.537	24.86	12.568	68.86	2.360	13	0	1	0	0	0	2	0
396	Government Of	18,423	15	0.796	4.36	0.984	5.39	3.006	16.47	0.567	3	0	7	0	0	0	4	0
403	Government Of	79,443	65	3.431	18.80	4.242	23.25	12.961	71.02	2.447	13	0	3	0	0	0	7	0
406	Government Of	153,096	124	6.612	36.23	8.176	44.80	24.978	136.86	4.716	26	0	1	0	0	0	5	0
407	Government Of	270,616	224	11.687	64.04	14.452	79.19	44.151	241.92	8.336	46	0	1	0	0	0	8	0
408	Pharmacy/Drug	14,750	12	0.805	4.41	1.009	5.53	3.070	16.82	0.580	3	0	4	0	0	0	2	0
412	Hospital	35,837	29	0.464	2.54	0.540	2.96	1.554	8.52	0.294	2	0	1	0	0	0	0	0
413	Hospital	60,942	50	0.789	4.32	0.919	5.03	2.643	14.48	0.499	3	0	1	0	0	0	0	0
414	Hospital	130,377	108	1.688														

Appendix C
Operational Emissions Threshold
Option 3: CCAA Reduction

BAAQMD Emissions Inventory (2010) (tons/day)				CCAA % reduction (over 2010-2020)	BAAQMD Inventory with CCAA Required Reduction (2020) (tons/day)				Difference (CCAA Reduction) (tons/day)			
ROG	NO _x	PM ₁₀	PM _{2.5}		ROG	NO _x	PM ₁₀	PM _{2.5}	ROG	NO _x	PM ₁₀	PM _{2.5}
335.54	449.6	216.13	87.93	38.75%	205.52	275.38	132.38	53.86	130.02	174.22	83.75	34.07

Source: BAAQMD 2009

Mass Emissions Threshold Level (Ton/Yr)				Mitigation Requirement for Projects with Emissions >Threshold Level	Emissions Reduction From Mitigation Between 2010-2020 (Tons/yr)				Emissions Reduction From Mitigation Between 2010-2020 (Tons/day)				% Toward CCAA Requirement			
ROG	NO _x	PM ₁₀	PM _{2.5}		ROG	NO _x	PM ₁₀	PM _{2.5}	ROG	NO _x	PM ₁₀	PM _{2.5}	ROG	NO _x	PM ₁₀	PM _{2.5}
40	40	15	10	15%	110.2	22.9	186.7	34.4	0.30	0.06	0.51	0.09	0.2%	0.0%	0.6%	0.3%
10	10	100	-	15%	103.3	113.7	3.2	-	0.28	0.31	0.01	-	0.2%	0.2%	0.0%	-
5	5	5	5	15%	151.8	100.8	255.5	55.3	0.42	0.28	0.70	0.15	0.3%	0.2%	0.8%	0.4%
1.8	1.8	1.8	1.8	15%	202.8	149.6	345.7	51.0	0.56	0.41	0.95	0.14	0.4%	0.2%	1.1%	0.4%

APPENDIX D

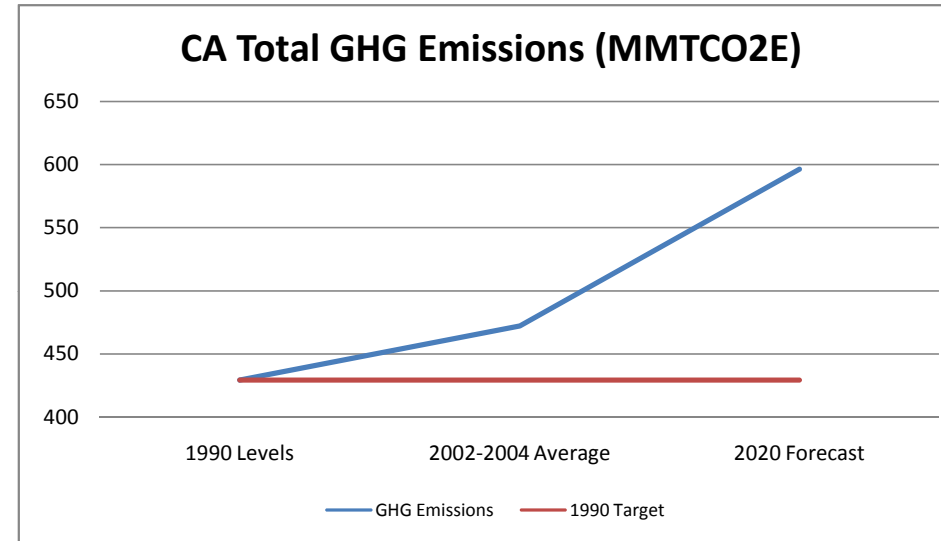
BAAQMD and ARB GHG Emissions Inventory Data

References:

http://www.arb.ca.gov/cc/inventory/data/tables/arb_ghg_inventory_forecast_2008_06_26.xls

(Forecast last updated: June 26, 2008)

IPCC Category	Inventory Summary for Scoping Plan	Emissions (MMTCO2E)			% of Total
		1990 Levels	2002-2004 Average	2020 Forecast	
	Transportation	150.670	179.311	225.399	
1A3b	On Road	137.992	168.657	209.101	x
	- Passenger Vehicles		108.945	133.947	160.783 x
	- Heavy Duty Trucks		29.047	34.710	48.318 x
1A3dii	Ships & Commercial Boats	2.210	3.258	6.347	x
1A3aaii	Aviation (Intrastate)	5.132	3.177	4.841	x
1A3c	Rail	2.331	3.005	3.757	x
1A3	Unspecified	3.006	1.215	1.353	x
	Electric Power	95.385	88.970	107.401	
	In-State Generation	33.808	32.152	55.039	
1A1ai	- Merchant Owned		2.329	26.014	44.600 x
1A1ai	- Utility Owned		29.918	5.451	9.751 x
2G1b	- Transmissions and Distribution		1.561	0.688	0.688 x
	Imported Electricity	61.577	56.818	52.362	
1A1ai	- Unspecified Imports		30.956	24.304	26.130 x
1A1ai	- Specified Imports		29.605	32.170	25.888 x
2G1b	- Transmissions and Distribution		1.016	0.344	0.344 x
	Commercial and Residential	44.785	41.761	48.184	
1A4b	Residential Fuel Use	29.657	28.515	32.100	x
1A4b	- Natural Gas		27.734	26.873	30.573 x
1A4b	- Other Fuels		1.923	1.642	1.527 x
	Commercial Fuel Use	13.462	11.704	13.755	
1A4a	- Natural Gas		7.547	7.946	9.344 x
1A4a	- Domestic Utilities		0.339	0.496	0.583 x
1A4a	- Not specified		5.577	3.262	3.827 x
1A1aaii	CHP	1.101	1.360	2.115	x
1A4a	National Security	0.564	0.182	0.214	x
	Industrial	108.141	109.868	124.841	
1A1b	Refineries	32.833	35.031	36.723	x
1A2	Manufacturing	31.979	27.268	28.918	x
1A1	Oil & Gas Extraction	14.646	14.189	14.194	x
1A1cii	Pipelines	1.632	1.448	1.786	x
1A5	Flaring	0.150	0.114	0.108	x
1A2i	Mining	0.028	0.245	0.194	x
1A1aaii	CHP	24.240	29.473	40.649	x
2D, 2G	Nonspecified	2.633	2.101	2.269	x
4	Recycling and Waste	12.260	12.815	16.566	x
4D1	Landfills	6.260	5.640	7.660	x
4D2	Waste Water Treatment	6.000	7.175	8.906	
	-Domestic		2.833	3.390	4.190 x
	-Industrial		3.167	3.785	4.716 x
	High GWP/Other	1.267	16.211	48.189	
2F	Ozone Depleting Substance Substitutes	0.036	12.870	44.986	x
1A5	Not Specified	1.231	3.341	3.203	x
3	Agriculture	23.247	27.578	29.671	
	Livestock	11.668	13.902	16.163	
3A1aaii	- Enteric Fermentation (Digestive Process)		6.668	7.026	8.168 x
3A2ai	- Manure Management		5.000	6.876	7.994 x
	Crop Growing & Harvesting	7.074	9.044	9.041	
3C4, 3C5	- Soil Management		6.540	8.401	8.401 x
3C1b	- Crop Residue Burning		0.124	0.082	0.078 x
3C7	- Rice Cultivation		0.410	0.562	0.562 x
1A4c	General Fuel Use	4.505	4.631	4.467	x
	Forestry and Range Management	0.190	0.190	0.190	
3B1	Fire	0.190	0.188	0.194	x
	TOTAL GROSS EMISSIONS	435.945	476.704	600.441	
		high (433.29)	high (473.5)	high (596.40)	
3B	Forestry Net Emissions	-6.690	-4.674	0.000	x
	TOTAL NET EMISSIONS	429.255	472.030	596.400	
		high (426.601)	high (468.778)	= (596.401)	



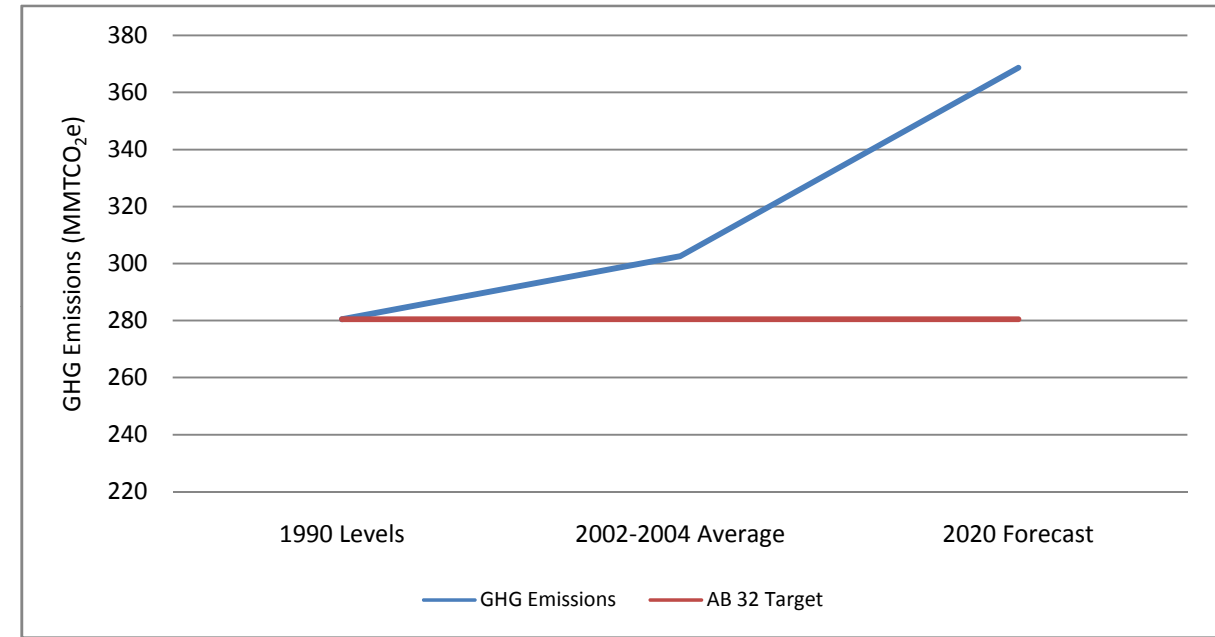
References:

http://www.arb.ca.gov/cc/inventory/data/tables/arb_ghg_inventory_forecast_2008_06_26.xls

California Energy Commission [CEC] 2007. Impact Analysis 2008 Update to the California Energy Efficiency Standards for Residential and Nonresidential Building

(Forecast last updated: June 26, 2008)

Inventory Summary for Scoping Plan	Emissions (MMTCO2E)			% of Total
	1990 Levels	2002-2004 Average	2020 Forecast	
Transportation	137.992	168.657	209.101	57%
- Passenger Vehicles		108.945	133.947	44%
- Heavy Duty Trucks		29.047	34.710	13%
Electric Power	95.385	88.970	107.401	29%
<i>In-State Generation</i>	<i>33.808</i>	<i>32.152</i>	<i>55.039</i>	15%
<i>Imported Electricity</i>	<i>61.577</i>	<i>56.818</i>	<i>52.362</i>	
Commercial and Residential	44.220	41.579	47.970	13%
<i>Residential Fuel Use</i>	<i>29.657</i>	<i>28.515</i>	<i>32.100</i>	9%
<i>Commercial Fuel Use</i>	<i>13.462</i>	<i>11.704</i>	<i>13.755</i>	4%
<i>CHP</i>	<i>1.101</i>	<i>1.360</i>	<i>2.115</i>	
Recycling and Waste	2.833	3.390	4.190	1%
<i>Waste Water Treatment</i>	<i>2.833</i>	<i>3.390</i>	<i>4.190</i>	
-Domestic		2.833	3.390	4.190
TOTAL GROSS EMISSIONS	280.430	302.596	368.662	



Regulatory Reductions	Unscaled	Scaled	% Reduction
SB 1078, 107		-20%	-3.0%
CA GBC			
Residential/Commercial Electricity		-26.10%	-7.6%
Residential Natural Gas		-8.50%	-0.7%
Commercial Natural Gas		-9.40%	-0.4%
AB 1493 (Pavley)		-19.7%	-8.6%
LCFS		-2.0%	-0.9%
Total			-21.1%

SB 1078 (Chapter 516, Statutes of 2002) requires retail sellers of electricity, including investor-owned utilities and community choice aggregators, to provide at least 20% of their supply from renewable sources by 2017

SB 107 (Chapter 464, Statutes of 2006) changed the target date to 2010.

AB 1493 - The AB 32 Scoping Plan anticipates a 19.7% reduction in on-road passenger vehicle emissions associated with implementation of AB 1493.

Low Carbon Fuel Standard (LCFS) - It was assumed that the LCFS would contribute 2% toward reductions in emissions from on-road passenger vehicles.

The LCFS is intended to result in a 10% reduction in carbon intensity of transportation fuels, however, this 10% applies to the life cycle of transportation fuel production and consumption, and may have little effect on on-road emission factors themselves

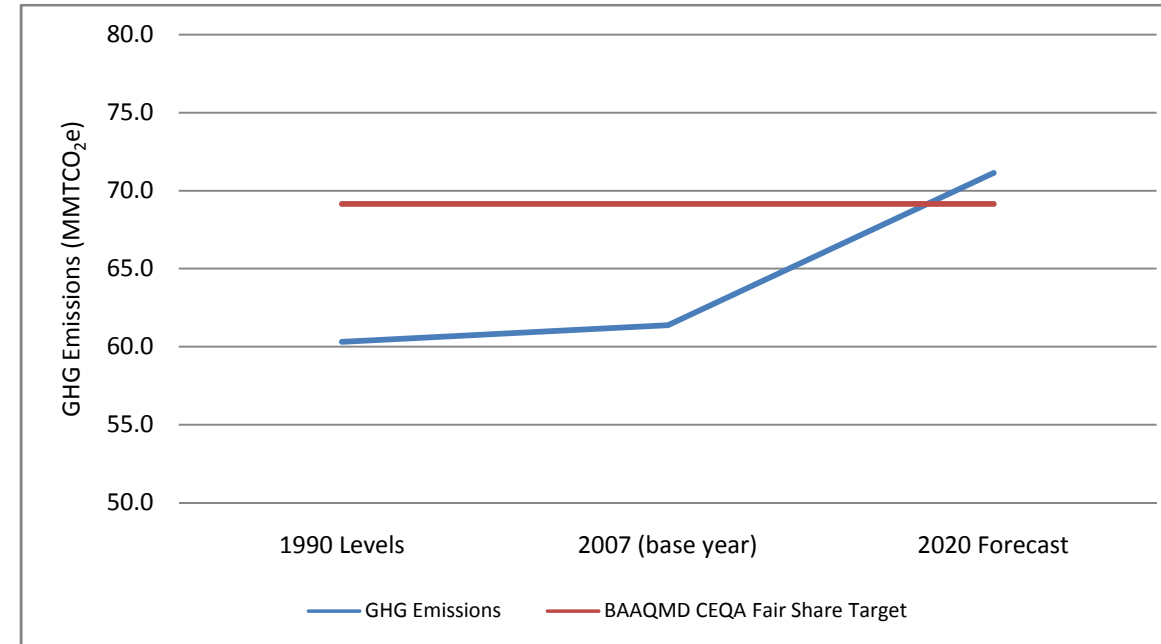
References:
 BAAQMD 2008 (December). Source Inventory of Bay Area Greenhouse Gas Emission:

BAAQMD GHG Emissions Inventory and Forecast
 Base Year = 2007

Inventory Summary	Emissions (MMTCO2E)		
	1990 Levels	2007 (base year)	2020 Forecast
Transportation	26.1	30.8	35.7
On Road	26.1	30.8	35.7
- Passenger Vehicles		23.0	27.5
- Heavy Duty Trucks		3.1	3.3
Electric Power	25.1	15.2	18.2
In-State Generation	16.2	8.1	9.9
Imported Electricity	8.9	7.1	8.3
Commercial and Residential	8.9	15.0	16.8
Residential Fuel Use	5.8	7.0	7.5
- Natural Gas		5.4	6.5
- Other Fuels		0.3	0.3
- Off Road Equipment (Lawn & Garden)		0.1	0.1
Commercial Fuel Use	3.1	8.0	9.3
- Natural Gas		2.8	7.7
- Commercial Cooking		0.1	0.1
-Off Road (Light Commercial Equipment)		0.2	0.3
Recycling and Waste	0.2	0.4	0.4
Waste Water Treatment	0.2	0.4	0.4

TOTAL GROSS EMISSIONS	60.3	61.4	71.1
BAAQMD CEQA Fair Share Target			69.2
Reduction			2.0

% of total
 50%
 26%
 24%
 1%



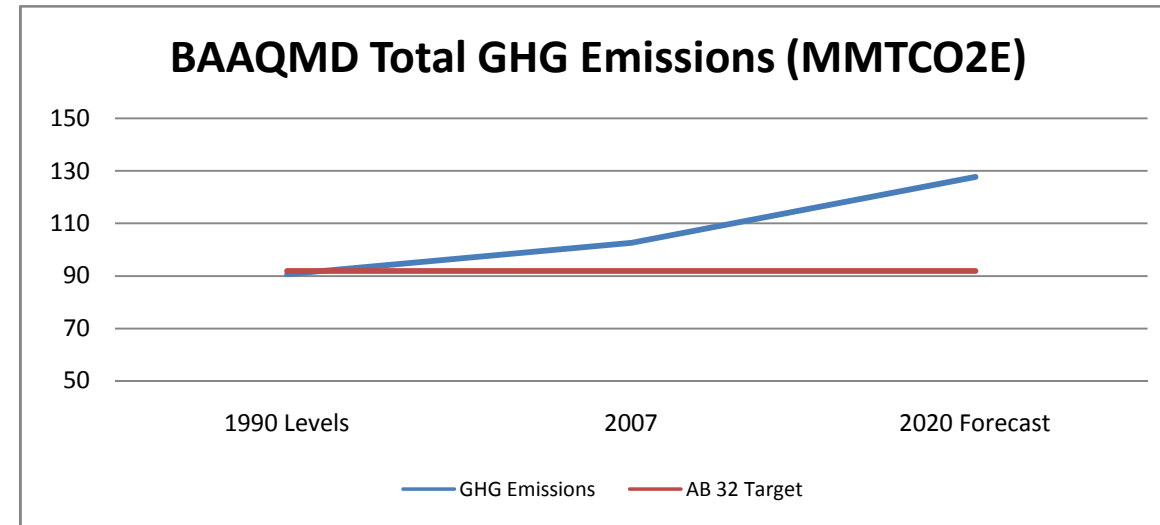
% Reduction (w/ regs)
 2.8%

References:
BAAQMD 2008 (December). Source Inventory of Bay Area Greenhouse Gas Emissions

BAAQMD GHG Emissions Inventory and Forecast

Base Year = 2007

Inventory Summary	1990 Levels	Emissions (MMTCO2E)		
		2007	2020 Forecast	
Transportation	32.8	41.649	53	
On Road	26.1	30.845	35.7	
- Passenger Vehicles		23	27.544	32
- Heavy Duty Trucks		3.1	3.301	3.7
Ships & Commercial Boats	4.1	8.086	13.8	
Aviation	1.9	2.136	2.9	
Rail	0.1	0.099	0.1	
Unspecified (military)	0.6	0.483	0.5	
Electric Power	25.1	15.197	18.2	
In-State Generation	16.2	8.083	9.9	
Imported Electricity	8.9	7.114	8.3	
Commercial and Residential	8.914	14.98912	16.844	
Residential Fuel Use	5.8	6.951	7.5	
- Natural Gas		5.4	6.495	7.2
- Other Fuels		0.3	0.322	0.4
- Off Road Equipment (Lawn & Garden)		0.1	0.134	0.1
Commercial Fuel Use	3.114	8.03812	9.344	
- Natural Gas		2.8	7.7	8.8
- Commercial Cooking		0.1	0.135	0.2
- Off Road (Light Commercial Equipment)		0.2	0.241	0.3
Industrial	19.686	23.66388	27.256	
Refineries	12.5	14.186	16	
General Fuel Use	3.486	5.13988	5.956	
- Natural Gas (boilers/heaters)		1.4	3.8	4.4
- Other Fuels		2.1	1.366	1.6
Engines & Turbines	0.9	0.951	1.1	
Cement Plants	0.9	0.842	1	
Off Road (Industrial Equipment)	0.6	0.751	1	
Construction Equipment	1.3	1.794	2.2	
Recycling and Waste	1.9	1.575	1.6	
Landfills	1.7	1.218	1.2	
Waste Water Treatment	0.2	0.357	0.4	
High GWP	1.1	4.391	9.4	
Ozone Depleting Substance Substitutes	1.1	4.391	9.4	
Agriculture	1	1.106	1.1	
Livestock	0.5	0.622	0.6	
Crop Growing & Harvesting	0.3	0.299	0.3	
- Fertilizers		0.3	0.295	0.3
- Crop Residue Burning		0	0.004	0
General Fuel Use	0.2	0.185	0.2	
TOTAL GROSS EMISSIONS (w/ rounding error)	90.5	102.571	127.4	
TOTAL GROSS EMISSIONS	90.7	102.6	127.7	
AB 32 Target			91.9	
Reduction			35.8	



% Reduction
28%

Sources: Population data is from the California Department of Finance and U.S. Census Bureau. Total employment information for 1990 and 2000 is from the U.S. Census. Total civilian employment on an annual (seasonally adjusted basis is from the California Department of Finance).

1990-2000 Population State of California, Department of Finance, E-4 Historical Population Estimates for City, County and the State, 1991-2000, with 1990 and 2000 Census Counts. Sacramento, California, August 2007.

2001-2007 Population State of California, Department of Finance, E-4 Population Estimates for Cities, Counties and the State, 2001-2007, with 2000 Benchmark. Sacramento, California, May 2007.

2000-2050 Population State of California, Department of Finance, Population Projections for California and Its Counties 2000-2050, Sacramento, California, July 2007.

1990 - 2006 Employment California Employment Development Department Labor Market Information Division, (916) 262-2162; U.S. Department of Labor, Bureau of Labor Statistics, (202) 606-6555.

2007 - 2009 Employment Economic Research Unit of the California Department of Finance. Economic Forecasts, U.S. and California. April 2007.

2010-2050 Employment [Extrapolated as 46% of projected population \(the average over last 15 years\)](#)

California GHG Efficiency Calculations

Demographic Data

	1990	2002-2004	2007	2020
CA Population	29,758,213	36,199,342	37,559,440	44,135,923
CA Employment	14,294,100	16,413,400	17,208,900	20,194,661
CA Service Population ¹	44,052,313	52,612,742	54,768,340	64,330,584

¹ Service Population = Population + Employment

BAU GHG/capita

Total CA Inventory	14.42	13.04	-	13.51
GHG/Capita (sector-specific CA inventory)	9.42	8.36	-	8.35
GHG/SP (sector-specific CA inventory)	6.37	5.75	-	5.73

AB 32 Goal GHG Efficiency

Total CA Inventory	14.42	11.86	-	9.73
GHG/Capita (sector-specific CA inventory)	9.42	7.75	-	6.35
GHG/SP (sector-specific CA inventory)	6.37	5.33	-	4.36

APPENDIX E

GHG Emissions Modeling and Threshold Sensitivity Analysis

2020 Summary of Emissions by Urbemis Category

Average Project Size (sq ft)	Single Family	Apartments Low Rise	Apartments Mid Rise	Apartments High Rise	Condo/Townhouse General + High Rise	Congregate Care (Assisted Living) Facility	Elementary School	University/College (4 years)	Place of Worship	High Turnover Restaurant	Hotel	Free-Standing Discount Store	Strip Mall	Supermarket	Convenience Market (24 Hour)	General Office Building	Office Park	Government Office Building	Pharmacy/Drugstore without drive-through	Hospital	Warehouse	General Light Industry	General Heavy Industry
-	13,581	19,196	36,229	-	19,977	5,997	5,859	16,573	21,230	8,013	15,336	-	13,660	20,926	6,500	14,735	-	18,423	14,750	35,837	25,489	15,036	-
50,000	72,914	63,135	70,194	94,057	84,260	21,446	18,765	-	92,499	-	69,278	-	62,207	55,362	-	81,941	-	79,443	-	60,942	68,963	73,119	-
100,000	162,188	90,241	140,920	129,764	170,275	49,166	43,162	-	103,892	-	89,812	-	124,371	-	-	149,746	-	153,096	-	130,377	142,590	76,001	-
200,000	283,179	-	254,225	266,322	344,939	-	45,748	-	-	-	-	-	198,818	-	-	253,929	-	270,616	-	140,915	-	318,980	-
400,000	375,822	-	381,737	363,340	-	-	-	-	-	-	-	-	-	-	-	449,750	-	-	-	-	341,487	-	-
600,000	987,852	-	-	592,213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	422,010	-	-
800,000	1,160,504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000	1,951,096	-	-	1,733,443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,000,000	6,507,269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,483,499	-	-

*Blue text indicates variables that can be adjusted to achieve the desired aggregate emissions reduction in cell P18 (which should equal the value in cell S18)

2020 Projected Projects and Emissions Forecasts

Projections				URBEMIS Output Emissions (tons/yr)										CO2 TOS (MT/yr)		Project Type Frequency Reduction (MT/yr)		Aggregate Reduction (MMT)	TOS Project Capture Rate	TOS Emissions Capture Rate	Aggregate Emissions Reduction AB 32 Goal (MMT CO2e)
#	Urbemis Code	Project Size	du	ROG	NOx	PM ¹⁰	PM ^{2.5}	CO ₂	Direct CO ₂ emissions (MT/yr)	Indirect CO ₂ emissions (MT/yr)	TOTAL CO ₂ e (MT/yr)	2,175	436	200,368	2.00	14%	60%	2,000			
1	Single Family H	13,581	8	0.192	0.082	0.219	0.061	130.548	118	19.3	138	0	35	241	0	0	0	4,821	0		
36	Single Family H	72,914	41	1.033	0.438	1.174	0.328	700.902	636	103.6	739	0	7	259	0	0	0	5,176	0		
43	Single Family H	162,188	90	2.297	0.975	2.612	0.729	1,559.068	1,414	230.5	1,645	0	4	329	0	0	0	6,580	0		
47	Single Family H	283,179	157	4.011	1.703	4.560	1.273	2,722.129	2,469	402.5	2,872	2872	5	3485	5	5	5	14,360	14360		
52	Single Family H	375,822	209	5.323	2.260	6.052	1.690	3,612.679	3,277	534.2	3,812	3812	2	3273	2	2	2	7,623	7623		
54	Single Family H	987,852	549	13.991	5.941	15.907	4.442	9,495.972	8,615	1404.2	10,019	10019	1	3006	1	1	1	10,019	10019		
55	Single Family H	1,160,504	645	16.437	6.979	18.687	5.218	11,155.626	10,120	1649.6	11,770	11770	1	3531	1	1	1	11,770	11770		
56	Single Family H	1,951,096	1084	27.634	11.733	31.417	8.773	18,755.384	17,015	2773.4	19,788	19788	1	5936	1	1	1	19,788	19788		
57	Single Family H	6,507,269	3615	92.164	39.133	104.782	29.259	62,552.716	56,747	9249.8	65,997	65997	2	39598	2	2	2	131,993	131993		
59	Apartments Low	19,196	23	0.487	0.173	0.492	0.152	276.430	251	57.8	309	0	3	46	0	0	0	926	0		
62	Apartments Low	63,135	74	1.601	0.567	1.619	0.498	909.163	825	190.0	1,015	0	1	51	0	0	0	1,015	0		
63	Apartments Low	90,241	106	2.288	0.811	2.314	0.712	1,299.499	1,179	271.6	1,451	0	1	73	0	0	0	1,451	0		
64	Apartments Mid	36,229	43	0.887	0.283	0.799	0.261	451.528	410	109.1	519	0	1	26	0	0	0	519	0		
65	Apartments Mid	70,194	83	1.718	0.548	1.549	0.505	874.835	794	211.3	1,005	0	3	151	0	0	0	3,015	0		
68	Apartments Mid	140,920	166	3.449	1.099	3.109	1.014	1,756.311	1,593	424.2	2,017	0	4	403	0	0	0	8,070	0		
72	Apartments Mid	254,225	299	6.222	1.983	5.609	1.830	3,168.442	2,874	765.3	3,640	3640	3	4394	3	3	3	10,919	10919		
75	Apartments Mid	381,737	449	9.343	2.978	8.423	2.748	4,757.643	4,316	1149.1	5,465	5465	2	6580	2	2	2	10,930	10930		
77	Apartments High	94,057	111	2.263	0.692	1.936	0.653	1,097.567	996	283.1	1,279	0	1	64	0	0	0	1,279	0		
78	Apartments High	129,764	153	3.122	0.955	2.670	0.901	1,514.236	1,374	390.6	1,764	0	2	176	0	0	0	3,529	0		
80	Apartments High	266,322	313	6.408	1.959	5.481	1.848	3,107.741	2,819	801.7	3,621	3621	2	2892	2	2	2	7,242	7242		
82	Apartments High	363,340	427	8.742	2.673	7.477	2.522	4,239.861	3,846	1093.7	4,940	4940	1	2765	1	1	1	4,940	4940		
83	Apartments High	592,213	697	14.249	4.356	12.187	4.110	6,910.608	6,269	1782.6	8052	8052	1	2416	1	1	1	8,052	8052		
84	Apartments High	1,733,443	2039	41.707	12.751	35.673	12.030	20,227.756	18,350	5217.9	23,568	23568	1	7070	1	1	1	23,568	23568		
85	Condo/Townhc	19,977	24	0.507	0.179	0.512	0.159	287.283	261	60.1	321	0	1	160	0	0	0	3,208	0		
95	Condo/Townhc	84,260	99	2.138	0.756	2.160	0.669	1,211.738	1,099	253.6	1,353	0	2	135	0	0	0	2,706	0		
97	Condo/Townhc	170,275	200	4.320	1.528	4.365	1.352	2,448.720	2,221	512.6	2,734	2734	2	1118	2	2	2	5,468	5468		
99	Condo/Townhc	344,939	406	8.752	3.096	8.842	2.739	4,960.551	4,500	1038.3	5,538	5538	2	6727	2	2	2	11,077	11077		
101	Congregate Car	5,997	7	0.131	0.025	0.062	0.030	36.568	33	18.1	51	0	17	44	0	0	0	871	0		
118	Congregate Car	21,446	25	0.468	0.088	0.221	0.109	130.762	119	64.6	183	0	2	18	0	0	0	366	0		
120	Congregate Car	49,166	58	1.074	0.202	0.506	0.249	299.779	272	148.0	420	0	13	273	0	0	0	5,459	0		
133	Elementary Sch	5,859	7	0.065	0.077	0.207	0.039	123.188	112	35.9	148	0	26	192	0	0	0	3,838	0		
159	Elementary Sch	18,765	23	0.209	0.246	0.663	0.126	394.532	358	114.9	473	0	6	142	0	0	0	2,837	0		
165	Elementary Sch	43,162	52	0.480	0.565	1.525	0.290	907.479	823	264.3	1,088	0	2	109	0	0	0	2,175	0		
167	Elementary Sch	45,748	55	0.509	0.599	1.617	0.307	961.851	873	280.1	1,153	0	1	58	0	0	0	1,153	0		
168	University/Colli	16,573	20	0.424	0.348	1.001	0.189	569.793	517	101.5	618	0	1	31	0	0	0	618	0		
169	Place of Worsh	21,230	26	0.156	0.184	0.447	0.084	284.784	258	130.0	388	0	7	136	0	0	0	2,718	0		
176	Place of Worsh	92,499	112	0.682	0.803	1.948	0.365	1,240.817	1,126	566.3	1,692	0	1	85	0	0	0	1,692	0		
177	Place of Worsh	103,892	125	0.766	0.902	2.188	0.410	1,393.650	1,264	636.1	1,900	0	1	95	0	0	0	1,900	0		
178	High Turnover R	8,013	10	0.620	0.770	2.380	0.450	1,287.343	1,168	49.1	1,217	0	160	9735	0	0	0	194,706	0		
338	Hotel	15,336	19	0.193	0.232	0.586	0.111	367.066	333	93.9	427	0	2	43	0	0	0	854	0		
340	Hotel	69,278	84	0.872	1.047	2.647	0.502	1,658.172	1,504	424.1	1,928	0	1	96	0	0	0	1,928	0		
341	Hotel	89,812	109	1.131	1.357	3.431	0.650	2,149.645	1,950	549.9	2,500	2500	1	325	1	1	1	2,500	2500		
342	Strip Mall	13,660	17	0.374	0.458	1.355	0.257	753.680	684	83.6	767	0	21	806	0	0	0	16,115	0		
363	Strip Mall	62,207	77	1.703	2.088	6.172	1.172	3,432.202	3,114	380.9	3,495	3495	2	2639	2	2	2	6,989	6989		
365	Strip Mall	124,371	154	3.405	4.174	12.339	2.343	6,861.988	6,225	761.5	6,987	6987	1	4812	1	1	1	6,987	6987		
366	Strip Mall	198,818	244	5.444	6.673	19.726	3.746	10,969.516	9,951	1217.2	11,169	11169	1	3351	1	1	1	11,169	11169		
367	Supermarket	20,926	27	1.290	1.621	4.945	0.937	2,687.623	2,438	128.1	2,566	2566	6	2348	6	6	6	15,398	15398		
373	Supermarket	55,362	70	3.413	4.288	13.084	2.480	7,110.458	6,450	338.9	6,789	6789	4	184							

2020 Indirect Emissions from Energy Consumption

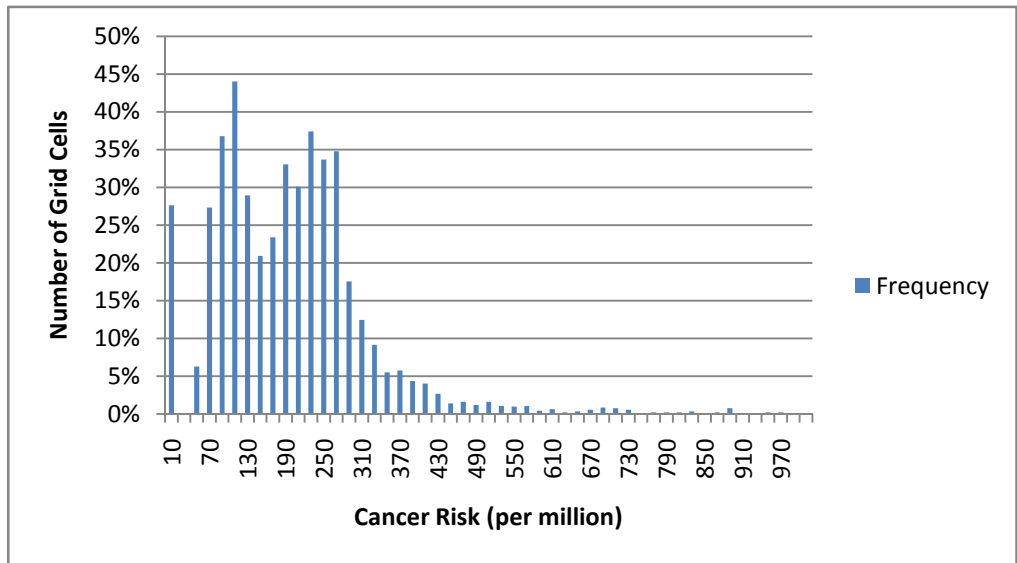
Project #	KWh/du/year	# du	KWh/ksf/year	# ksf	Commercial	Total KWh	MWh	Region	Emission Factor (lb CO2/MWh)		Emission Factor (lb CH4/MWh)		Emission Factor (lb N2O/MWh)		Total CO2e (Metric Tons/year)
									GWP		GWP		GWP		
1	7000	8	16,750		0	52,814		53 CALI	804.54	1	0.0067	21	0.0037	310	19
36	7000	41	16,750		0	283,554		284 CALI	804.54	1	0.0067	21	0.0037	310	104
43	7000	90	16,750		0	630,730		631 CALI	804.54	1	0.0067	21	0.0037	310	231
47	7000	157	16,750		0	1,101,252		1,101 CALI	804.54	1	0.0067	21	0.0037	310	403
52	7000	209	16,750		0	1,461,529		1,462 CALI	804.54	1	0.0067	21	0.0037	310	534
54	7000	549	16,750		0	3,841,648		3,842 CALI	804.54	1	0.0067	21	0.0037	310	1,404
55	7000	645	16,750		0	4,513,070		4,513 CALI	804.54	1	0.0067	21	0.0037	310	1,650
56	7000	1084	16,750		0	7,587,594		7,588 CALI	804.54	1	0.0067	21	0.0037	310	2,773
57	7000	3615	16,750		0	25,306,046		25,306 CALI	804.54	1	0.0067	21	0.0037	310	9,250
59	7000	23	16,750		0	158,086		158 CALI	804.54	1	0.0067	21	0.0037	310	58
62	7000	74	16,750		0	519,936		520 CALI	804.54	1	0.0067	21	0.0037	310	190
63	7000	106	16,750		0	743,162		743 CALI	804.54	1	0.0067	21	0.0037	310	272
64	7000	43	16,750		0	298,357		298 CALI	804.54	1	0.0067	21	0.0037	310	109
65	7000	83	16,750		0	578,066		578 CALI	804.54	1	0.0067	21	0.0037	310	211
68	7000	166	16,750		0	1,160,520		1,161 CALI	804.54	1	0.0067	21	0.0037	310	424
72	7000	299	16,750		0	2,093,616		2,094 CALI	804.54	1	0.0067	21	0.0037	310	765
75	7000	449	16,750		0	3,143,715		3,144 CALI	804.54	1	0.0067	21	0.0037	310	1,149
77	7000	111	16,750		0	774,590		775 CALI	804.54	1	0.0067	21	0.0037	310	283
78	7000	153	16,750		0	1,068,648		1,069 CALI	804.54	1	0.0067	21	0.0037	310	391
80	7000	313	16,750		0	2,193,238		2,193 CALI	804.54	1	0.0067	21	0.0037	310	802
82	7000	427	16,750		0	2,992,213		2,992 CALI	804.54	1	0.0067	21	0.0037	310	1,094
83	7000	697	16,750		0	4,877,049		4,877 CALI	804.54	1	0.0067	21	0.0037	310	1,783
84	7000	2039	16,750		0	14,275,410		14,275 CALI	804.54	1	0.0067	21	0.0037	310	5,218
85	7000	24	16,750		0	164,513		165 CALI	804.54	1	0.0067	21	0.0037	310	60
95	7000	99	16,750		0	693,905		694 CALI	804.54	1	0.0067	21	0.0037	310	254
97	7000	200	16,750		0	1,402,267		1,402 CALI	804.54	1	0.0067	21	0.0037	310	513
99	7000	406	16,750		0	2,840,675		2,841 CALI	804.54	1	0.0067	21	0.0037	310	1,038
101	7000	7	16,750		0	49,390		49 CALI	804.54	1	0.0067	21	0.0037	310	18
118	7000	25	16,750		0	176,612		177 CALI	804.54	1	0.0067	21	0.0037	310	65
120	7000	58	16,750		0	404,894		405 CALI	804.54	1	0.0067	21	0.0037	310	148
133	7000	0	16,750	5.859136745		98,141		98 CALI	804.54	1	0.0067	21	0.0037	310	36
159	7000	0	16,750	18.76500215		314,314		314 CALI	804.54	1	0.0067	21	0.0037	310	115
165	7000	0	16,750	43.16211217		722,965		723 CALI	804.54	1	0.0067	21	0.0037	310	264
167	7000	0	16,750	45.74820741		766,282		766 CALI	804.54	1	0.0067	21	0.0037	310	280
168	7000	0	16,750	16.5726716		277,592		278 CALI	804.54	1	0.0067	21	0.0037	310	101
169	7000	0	16,750	21.22979022		355,599		356 CALI	804.54	1	0.0067	21	0.0037	310	130
176	7000	0	16,750	92.49913095		1,549,360		1,549 CALI	804.54	1	0.0067	21	0.0037	310	566
177	7000	0	16,750	103.8923375		1,740,197		1,740 CALI	804.54	1	0.0067	21	0.0037	310	636
178	7000	0	16,750	8.0125		134,209		134 CALI	804.54	1	0.0067	21	0.0037	310	49
338	7000	0	16,750	15.33595711		256,877		257 CALI	804.54	1	0.0067	21	0.0037	310	94
340	7000	0	16,750	69.27812001		1,160,409		1,160 CALI	804.54	1	0.0067	21	0.0037	310	424
341	7000	0	16,750	89.81177276		1,504,347		1,504 CALI	804.54	1	0.0067	21	0.0037	310	550
342	7000	0	16,750	13.66014773		228,807		229 CALI	804.54	1	0.0067	21	0.0037	310	84
363	7000	0	16,750	62.20731803		1,041,973		1,042 CALI	804.54	1	0.0067	21	0.0037	310	381
365	7000	0	16,750	124.3708435		2,083,212		2,083 CALI	804.54	1	0.0067	21	0.0037	310	761
366	7000	0	16,750	198.8181794		3,330,205		3,330 CALI	804.54	1	0.0067	21	0.0037	310	1,217
367	7000	0	16,750	20.92564403		350,505		351 CALI	804.54	1	0.0067	21	0.0037	310	128
373	7000	0	16,750	55.36153396		927,306		927 CALI	804.54	1	0.0067	21	0.0037	310	339
377	7000	0	16,750	6.5		108,875		109 CALI	804.54	1	0.0067	21	0.0037	310	40
379	7000	0	16,750	14.73479704		246,808		247 CALI	804.54	1	0.0067	21	0.0037	310	90
388	7000	0	16,750	81.94079386		1,372,508		1,373 CALI	804.54	1	0.0067	21	0.0037	310	502
391	7000	0	16,750	149.7459661		2,508,245		2,508 CALI	804.54	1	0.0067	21	0.0037	310	917
393	7000	0	16,750	253.92872		4,253,306		4,253 CALI	804.54	1	0.0067	21	0.0037	310	1,555
395	7000	0	16,750	449.7503679		7,533,319		7,533 CALI	804.54	1	0.0067	21	0.0037	310	2,754
396	7000	0	16,750	18.42303988		308,586		309 CALI	804.54	1	0.0067	21	0.0037	310	113
403	7000	0	16,750	79.44253025		1,330,662		1,331 CALI	804.54	1	0.0067	21	0.0037	310	486
406	7000	0	16,750	153.0956039		2,564,351		2,564 CALI	804.54	1	0.0067	21	0.0037	310	937
407	7000	0	16,750	270.6155262		4,532,810		4,533 CALI	804.54	1	0.0067	21	0.0037	310	1,657
408	7000	0	16,750	14.75		247,063		247 CALI	804.54	1	0.0067	21	0.0037	310	90
412	7000	0	16,750	35.83705406		600,271		600 CALI	804.54	1	0.0067	21	0.0037	310	219
413	7000	0	16,750	60.94186693		1,020,776		1,021 CALI	804.54	1	0.0067	21	0.0037	310	373
414	7000	0	16,750	130.3768181		2,183,812		2,184 CALI	804.54	1	0.0067	21	0.0037	310	798
415	7000	0	16,750	140.9145274		2,360,318		2,360 CALI	804.54	1	0.0067	21	0.0037	310	863
416	7000	0	16,750	25.48906593		426,942		427 CALI	804.54	1	0.0067	21	0.0037	310	156
422	7000	0	16,750	68.9634989		1,155,139		1,155 CALI	804.54	1	0.0067	21	0.0037	310	422
425	7000	0	16,750	142.5898707		2,388,380		2,388 CALI	804.54	1	0.0067	21	0.0037	310	873
427	7000	0	16,750	341.486871		5,719,905		5,720 CALI	804.54	1	0.0067	21	0.0037	310	2,091
428	7000	0	16,750	422.0095927		7,068,661		7,069 CALI	804.54	1	0.0067	21	0.0037	310	2,584
429	7000	0	16,750	1483.498903		24,848,607		24,849 CALI	804.54	1	0.0067	21	0.0037	310	9,083
430	7000	0	16,750	15.0363566		251,859		252 CALI	804.54	1	0.0067	21	0.0037	310	92
434	7000	0	16,750	73.11906854		1,224,744		1,225 CALI	804.54	1	0.0067	21	0.0037	310	448
435	7000	0	16,750	76.00111903		1,273,019		1,273 CALI	804.54	1	0.0067	21	0.0037	310	465
436	7000	0	16,750	318.9798445		5,342,912		5,343 CALI	804.54	1	0.0067	21	0.0037	310	1,953

APPENDIX F

TAC Unweighted Cancer Risk

<i>Bin</i>	<i>Frequency</i>	
10	28%	1040
30	0%	4
50	6%	236
70	27%	1028
90	37%	1384
110	44%	1656
130	29%	1088
150	21%	788
170	23%	880
190	33%	1244
210	30%	1132
230	37%	1408
250	34%	1268
270	35%	1308
290	18%	660
310	12%	468
330	9%	344
350	6%	208
370	6%	216
390	4%	164
410	4%	152
430	3%	100
450	1%	52
470	2%	60
490	1%	44
510	2%	60
530	1%	40
550	1%	36
570	1%	40
590	0%	16
610	1%	24
630	0%	8
650	0%	12
670	1%	20
690	1%	32
710	1%	28
730	1%	20
750	0%	0
770	0%	8
790	0%	8
810	0%	8
830	0%	12
850	0%	0
870	0%	8
890	1%	28
910	0%	0
930	0%	4
950	0%	8
970	0%	8
990	0%	0
1010	0%	0
More		64

Bay Area Unweighted Cancer Risk



APPENDIX G

TAC Population Weighted Cancer Risk

TOTAL
BAAQMD
#####

Risk	Pop	% of pop	Percentiles
100	337	0%	0%
200	131,610	2%	2%
300	755,187	11%	13%
400	1,220,660	19%	32%
500	1,179,851	18%	50%
600	874,853	13%	63%
700	931,151	14%	77%
800	406,287	6%	83%
900	419,319	6%	90%
1000	143,433	2%	92%
1100	91,695	1%	93%
1200	7,148	0%	94%
1300	89,000	1%	95%
1400	35,596	1%	95%
1500	39,264	1%	96%
1600	86,083	1%	97%
1700	6,433	0%	97%
1800	6,801	0%	98%
1900	7,508	0%	98%
3000	23,614	0%	98%

