SMAQMD Operational Screening Levels

Land Use Category	CalEEMod Land Use	Ozone Precursor Screening Level*	PM Screening Level*, **	GHG Screening Level*	Units
Residential	Single Family Housing	485	1,000	56	du
Residential	Apartments low rise (1-2 stories)	682	1,385	85	du
Residential	Apartments mid rise (3-10 stories)	740	1,485	88	du
Residential	Apartments high rise (over 10 stories)	975	1,970	122	du
Residential	Condo/Townhouse	810	1,700	91	du
Residential	Condo/Townhouse high rise	1,115	2,290	126	du
Residential	Congregate Care (assisted living)	1,685	3,545	167	du
Educational	Day Care Center	131	377	29	ksf
Educational	Elementary School	365	760	57	ksf
Educational		4,350	9,100	676	students
Educational	High School	370	735	53	ksf
Educational		2,780	5,525	400	students
Educational	Junior College (2 yrs)	224	485	36	ksf
Educational		5,035	10,900	785	students
Educational	University/College (4 yrs)	3,440	7,800	445	students
Educational	Place of Worship	209	515	53	ksf
Recreational	High Turnover Restaurant (sit down)	59	179	10	ksf
Recreational	Fast Food Restaurant with Drive Thru	15	51	4	ksf
Recreational	Hotel	732	1,950	72	rooms
Retail	Free-standing Discount Store	116	291	20	ksf
Retail	Regional Shopping Center	153	360	26	ksf
Retail	Home Improvement Superstore	173	500	33	ksf
Retail	Hardware/Paint Store	104	267	20	ksf
Retail	Strip Mall	185	460	29	ksf
Retail	Supermarket	56	165	12	ksf
Commercial	General Office Building	516	1,100	65	ksf
Commercial	Government Office Building	106	250	20	ksf
Commercial	Pharmacy/Drugstore with Drive Thru	103	300	17	ksf
Commercial	Medical Office Building	186	418	27	ksf
Commercial	Hospital	353	760	32	ksf
Commercial		370	780	41	beds

NOTES: du = dwelling units; ksf = thousand square feet.
*Screening levels suggest this size project would be below the respective thresholds of significance for each pollutant: 65 lbs/day NOX, 65 lbs/day ROG, 80 lbs/day PM10, 82 lbs/day PM2.5 and 1,100 MT/year GHG.
**PM screening is only available if best management practices (BMPs) are included in the project.
Modeling Assumptions: Screening levels were developed using the California Emissions Estimator Model (CalEEMod), Version 2016.3.2. Modeling was performed using the following parameters: County of Sacramento; default windspeed; default precipitation; climate zone 6; rural land use setting; 2018 operational year; utility company: SMUD; utility intensity factors from 2014 theclimateregistry.org for GHG screening, otherwise default utility factors for SMUD; no mitigation measures selected; winter report for ozone and PM and annual report for GHG. PM screening levels represent PM10 emissions since PM10 emissions level will exceed the significance threshold before PM2.5 emissions levels will be exceeded.

SACRAMENTO METROPOLITAN
AIR QUALITY
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