

Appendix B

Specific Plan Air Mitigation Matrix (SPAMM)

Type	#	Category	Description	Point Value	Comments
BPT	1a	R	Provide bicycle racks required by ordinance	0.5	
BPT	1b	C	Provide bicycle lockers at 1 per 25 parking spaces	0.5	
BPT	2a	M	Provide an additional 20 percent of required Class I and Class II bicycle parking facilities	0.5	
BPT	2b	C	Maintain a fleet of bicycles for employee and business use	0.5 or 1.0 for electric	
BPT	3	C	Provide personal showers and lockers for bicyclist and pedestrian commuters	0.5	
BPT	4	C	Contribute Funding to the South Sutter Master Bike Plan	TBD	Planned infrastructure must be in General Plan or Community Plan. In consultation with FRAQMD and County planning.
BPT	5	C	The project is located within ½ mile of an existing Class I or Class II bike lane and provides a comparable bikeway connection to that existing facility	1.0	All facilities must be in place within three (3) years after start of business
BPT	6	C	The project provides for pedestrian facilities and improvements such as overpasses and wider sidewalks	1.0	All facilities must be in place before 20% of the occupancy permits are granted
BPT	7	C	Bus service provides headways of 30 minutes or less for stops within ¼ mile; project provides essential bus stop improvements (i.e., shelters, route information, benches, and lighting).	1.0	Maximum combined credit for measure BPT #7 and TMA #64 is 2.0
BPT	8	M	Provide a display case or kiosk displaying transportation information in a prominent area accessible to employees and visitors	0.5	

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Type	#	Category	Description	Point Value	Comments
BPT	9	C	Mixed or retail/commercial uses within ¼ mile of existing transit, linking with activity centers and other planned infrastructure	2.0 for light rail, 1.0 for bus only	Planned infrastructure must be in General Plan or Community Plan. Maximum credit is 2.0 (light rail and bus points cannot be combined).
BPT	10	C	Mixed or retail/commercial uses within ¼ mile of planned transit, linking with activity centers and other planned infrastructure	1.0 for light rail, 0.5 for bus only	Planned transit must be in MTP or RT Masterplan; planned infrastructure must be in General Plan or Community Plan. Maximum credit is 1.0 (light rail and bus points cannot be combined). Cannot get points for both this measure and measure BPT #9.
PAR	11	C	Employee and/or customer paid parking system (no validations)	3.0	Must be coordinated with TMA.
PAR	12	C	Provide minimum amount of parking required	0.5	
PAR	13	C	Provide parking reduction: Office 25%, Medical office 8%, Commercial 5%, Industrial 10%, Additional 10-20% if located along transit station (special review of parking is required)	2.5	REQUIRES SUTTER COUNTY ORDINANCE CHANGE
PAR	14	M	Provide grass paving or reflective surface paving for unshaded parking lot areas, driveways, or fire lanes that reduce standard paving by 10% or more, in consultation with FRAQMD	1.0 for Portland concrete; other reflective or green surfaces TBD	Portland concrete is the preferred paving material; other reflective surfaces and point values to be determined in consultation with FRAQMD. Green Pavement: http://www.invisiblestructures.com/GP2/grasspave.htm
PAR	15a	M	Increase parking lot shading by an additional 10% over Specific Plan Standards, in consultation with FRAQMD	1.0	Must be low-emission trees to get full credit
PAR	15b	C	Increase parking lot shading by an additional 10% over Specific Plan Standards and mitigated requirements, in consultation with FRAQMD	1.0	Must be low-emission trees to get full credit

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Type	#	Category	Description	Point Value	Comments
PAR	16	M	Provide electric vehicle charging facilities with preferential parking	1.0	Details of facilities' provision must be coordinated with County of Sutter and FRAQMD.
PAR	17	M	Provide preferential parking for carpool/vanpools	0.5	Including signage
PAR	18	M	Covered carpool/vanpool spaces near the entrance to the building(s)	0.5	Including signage
PAR	19	M	Loading and unloading facilities for transit and carpool/vanpool users	0.5	Including signage
PAR	20	C	Project is located within one mile of a park and ride lot operated by a transportation agency. Provide funding for a Park and Ride lot in a primary urban area housing the S. Sutter employee base. Requires a survey and should probably be coordinated with a TMA.	0.5	This may have to be omitted because it really applies more to a residential area gathering point to foster public transit use for the workplace commute - this measure could work if we had a park and ride in Sacramento or Yuba City/Marysville where a transit service delivers workers to the S. Sutter Complex.
PAR	21	C	Provide a parking lot design that includes clearly marked and shaded pedestrian pathways between transit facilities and building entrances	0.5	Emphasis on safety and convenience
BUILD	23	C	Employ PG&E "Savings By Design" assistance and incentive programs that encourage high performance building design and construction.	TBD	Cannot use points for both this measure and COMP #48 (or other overlapping measures) unless they are uniquely different as determined by the County of Sutter and the District; Point values to be determined
BUILD	24	C	Setback distance is minimized between development and existing transit, bicycle, or pedestrian corridor	1.0	
BUILD	25	C	Setback distance is minimized between development and planned transit, bicycle, or pedestrian corridor	0.5	Planned transit, bicycle, or pedestrian corridor must be in MTP, RT Masterplan, General Plan, or Community Plan. Cannot get points for both this measure and the above measure.

Specific Plan Air Mitigation Matrix (SPAMM)

Type	#	Category	Description	Point Value	Comments
HDD	26	C	Repower/Retrofit diesel fleet with cleaner diesel engine technology	TBD	Local and State incentive funds may be available
HDD	27	C	Replace diesel fleet with alternative fuel engine technology and infrastructure	TBD	Local and State incentive funds may be available
HDD	28	C	Buy down diesel fleet emissions by providing funds to FRAQMD to implement a Carl Moyer or Motor Vehicle Fund program (or equivalent) at a per ton cost to be determined.	TBD	Guidelines to be developed and approved by the FRAQMD Board of Directors.
MIX	29	C	Development of projects predominantly characterized by properties on which various uses, such as office, commercial, and institutional, are combined in a single building or on a single site. A "single site" may include contiguous properties.	3.0	Cannot use points for both this measure and any "Ancillary Services" measures. Also mutually exclusive with MIX #30.
MIX	30	C	Mixed use - Have at least 3 of the following on site and/or within ½ mile: Retail Development, Personal Services, Open Space, Office	1.0	Cannot use points for both this measure and any "Ancillary Services" measures. Also mutually exclusive with MIX #29.
MIX	32	C	Separate, safe, and convenient bicycle and pedestrian paths connecting residential, commercial, and office uses	2.0	
MIX	33	C	The project provides a development pattern that eliminates physical barriers such as walls, berms, landscaping, and slopes between commercial and industrial uses that impede bicycle or pedestrian circulation and ties into the Master Bike Plan	1.0	

Specific Plan Air Mitigation Matrix (SPAMM)

Type	#	Category	Description	Point Value	Comments
ANC	34	C	Day care facilities are provided on site or within 1 mile of site	1.0 onsite; 0.5 within 1 mile	
ANC	35	C	Restaurant or cafeteria on site or within ¼ mile of site	0.2	
ANC	36	C	Bank or ATM on site or within ¼ mile of site	0.2	
ANC	37	C	Dry cleaners on site or within ¼ mile of site	0.2	
ANC	38	C	Post office on site or within ¼ mile of site	0.2	
ANC	39	C	Entertainment (movie/video) on site or within ¼ mile of site	0.2	
ANC	40a	C	Recreation facility/fitness center on site or within ¼ mile of site	0.2	
ANC	40b	C	Public Park within ¼ mile	0.2	
ANC	41	C	Other trip reduction services on site or within 1/4 mile of site as determined by FRAQMD	0.2	
COMP	42	C	Install lowest emitting commercially available furnace	0.5	
COMP	43	C	Install ozone destructive catalyst on air conditioning systems, (in consultation with FRAQMD)	2.5	Monitoring: Proof of purchase required.
COMP	44	C	Install EPA Energy Star approved roofing materials or install "Green Roof" Technology	0.5	Note: COMP #49 and this measure may overlap; if both used then TBD. Energy Star Info: http://www.energystar.gov/
COMP	45	C	Provide fiber optic wiring and connections	0.5	
COMP	46	C	Provide T1 wiring and connections	0.5	
COMP	47	C	Install roof photovoltaic energy systems	TBD	Points up to 2.5 could be assigned if system supplies over 60% of building's energy needs (averaged over 1 year)

Specific Plan Air Mitigation Matrix (SPAMM)

Type	#	Category	Description	Point Value	Comments
COMP	48a	C	Innovative Energy-Efficient Technologies or measures exceeding Title 24 energy efficiency standards by 10 to 15%.	TBD	Cannot use points for this and measure BUILD #23 (or other overlapping measures) unless they are uniquely different as determined by the County of Sutter and the FRAQMD
COMP	48b	C	Participate in and implement available PG&E energy-efficient rebate programs including air conditioning, gas heating, refrigeration, and lighting programs.	TBD	Proof of rebate program participation is required
COMP	49	M	Comply with EPA/DOE Energy Star building energy standards	1.0	Note: COMP #44 and this measure may overlap; if both used then TBD
COMP	50	M	Orient 75% of buildings to face either north or south (within 30 degrees of N/S), and orient the placement of trees and shrubs near the building to cool the soil around the building and prevent direct solar radiation from entering the building through windows and from heating external building structures.	1.0	Contact FRAQMD for supporting information. Monitoring: Submit Plan for approval.
TMA	51a	R	Establish County Service Area to oversee Transportation Management Association	2.5	Can only claim points when combined with measure TMA #51b
TMA	51b	M	Require membership in a Transportation Management Association as designed in County Service Area. Establish fund to permanently maintain TMA.	2.5	Can only claim points when combined with measure TMA #51a
TMA	52	M	Carpool Matching Assistance	0.2	Must be coordinated with TMA.
TMA	53	C	Provide financial incentives to carpoolers for vehicle tune-up or maintenance	0.2	Must be coordinated with TMA.
TMA	54	M	Provide Flextime for non-Single Occupancy Vehicle commuters	0.2	Must be coordinated with TMA.
TMA	55	M	Provide Guaranteed Ride Home	0.2	Must be coordinated with TMA.

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Type	#	Category	Description	Point Value	Comments
TMA	56	C	Implement compressed work week schedules	0.2	Must be coordinated with TMA.
TMA	57	M	Provide on-site Transportation Coordinator	0.2	Must be coordinated with TMA.
TMA	58	M	Contract only with commercial landscapers who operate with equipment that complies with the most recent California Air Resources Board certification standards, or standards adopted no more than three years prior to date of use.	2.0	Monitoring: Must provide contract language for review. This requires an annual re-evaluation to determine compliance
TMA	60	C	Install videoconferencing system	0.5	Or community videoconferencing system coordinated with TMA with frequency of use requirement TBD.
TMA	61	C	Promote teleworking and implement an employee telework policy	1.0	
TMA	63	C	Implement Clean Air Business Practices such as using electric or low-emission company, contract carrier, delivery, or security vehicles; contracting with alternative fuel waste hauling companies; vehicles that are electric or CARB certified to optional low-emission standards for NO _x , (in consultation with FRAQMD)	TBD	Concentrating on local services
TMA	64	C	Provide electric shuttle to transit stops	2.0	Maximum combined credit for measure BPT #7 and TMA #64 is 2.0
TMA	67	C	Transit pass subsidy and/or commute alternative allowance	1.5	Point value based on 100% subsidy.
INV	99a	C	Other proposed strategies, in consultation with the County of Sutter and the FRAQMD	TBD	
INV	99b	C	Emissions Buy-Down Program	TBD	Criteria and Guidelines to be developed by FRAQMD Board of Directors.

Potentially Feasible Air Mitigation Measures (PFAMM)

PFAMM #	Description	Point Value	Comments
BPT-01	Provide bicycle lockers at 1 per 25 parking spaces	0.5	
BPT-02	Maintain a fleet of bicycles for employee and business use	0.5 or 1.0 for electric	
BPT-03	Provide personal showers and lockers for bicyclist and pedestrian commuters	0.5	
BPT-04	Contribute Funding to the South Sutter Master Bike Plan	TBD <i>(to be determined)</i>	Planned infrastructure must be in General Plan or Community Plan. In consultation with FRAQMD and County planning.
BPT-05	The project is located within ½ mile of an existing Class I or Class II bike lane and provides a comparable bikeway connection to that existing facility	1.0	All facilities must be in place within three (3) years after start of business
BPT-06	The project provides for pedestrian facilities and improvements such as overpasses and wider sidewalks	1.0	All facilities must be in place before 20% of the occupancy permits are granted
BPT-07	Bus service provides headways of 30 minutes or less for stops within ¼ mile; project provides essential bus stop improvements (i.e., shelters, route information, benches, and lighting).	1.0	Maximum combined credit for measure #BPT-07 and #TMA-06 is 2.0
BPT-08	Mixed or retail/commercial uses within ¼ mile of existing transit, linking with activity centers and other planned infrastructure	2.0 for light rail, 1.0 for bus only	Planned infrastructure must be in General Plan or Community Plan. Maximum credit is 2.0 (light rail and bus points cannot be combined).
BPT-09	Mixed or retail/commercial uses within ¼ mile of planned transit, linking with activity centers and other planned infrastructure	1.0 for light rail, 0.5 for bus only	Planned transit must be in MTP or RT Masterplan; planned infrastructure must be in General Plan or Community Plan. Maximum credit is 1.0 (light rail and bus points cannot be combined). Cannot get points for both this measure and measure #BPT-08.
PAR-01	Provide minimum amount of parking required	0.5	
PAR-02	Employee and/or customer paid parking system (no validations)	3.0	Must be coordinated with TMA.
PAR-03	Provide parking reduction: Office 25%, Medical office 8%, Commercial 5%, Industrial 10%, Additional 10-20% if located along transit station (special review of parking is required)	2.5	REQUIRES SUTTER COUNTY ORDINANCE CHANGE

Potentially Feasible Air Mitigation Measures (PFAMM)

PFAMM #	Description	Point Value	Comments
PAR-04	Increase parking lot shading by an additional 10% over Specific Plan Standards and mitigated requirements, in consultation with FRAQMD	1.0	Must be low-emission trees to get full credit
PAR-05	Project is located within one mile of a park and ride lot operated by a transportation agency. Provide funding for a Park and Ride lot in a primary urban area housing the S. Sutter employee base. Requires a survey and should probably be coordinated with a TMA.	0.5	This may have to be omitted because it really applies more to a residential area gathering point to foster public transit use for the workplace commute - this measure could work if we had a park and ride in Sacramento or Yuba City/Marysville where a transit service delivers workers to the S. Sutter Complex.
PAR-06	Provide a parking lot design that includes clearly marked and shaded pedestrian pathways between transit facilities and building entrances	0.5	Emphasis on safety and convenience
BLD-01	Employ PG&E "Savings By Design" assistance and incentive programs that encourage high performance building design and construction.	TBD	Cannot use points for both this measure and #BLD-10 (or other overlapping measures) unless they are uniquely different as determined by the County of Sutter and the District; Point values to be determined
BLD-02	Setback distance is minimized between development and existing transit, bicycle, or pedestrian corridor	1.0	
BLD-03	Setback distance is minimized between development and planned transit, bicycle, or pedestrian corridor	0.5	Planned transit, bicycle, or pedestrian corridor must be in MTP, RT Masterplan, General Plan, or Community Plan. Cannot get points for both this measure and the above measure.
BLD-04	Install lowest emitting commercially available furnace	0.5	
BLD-05	Install ozone destructive catalyst on air conditioning systems, (in consultation with FRAQMD)	2.5	Monitoring: Proof of purchase required.
BLD-06	Install EPA Energy Star approved roofing materials or install "Green Roof" Technology	TBD	Energy Star Info: http://www.energystar.gov/
BLD-07	Provide fiber optic wiring and connections	0.5	
BLD-08	Provide T1 wiring and connections	0.5	
BLD-09	Install roof photovoltaic energy systems	TBD	Points up to 2.5 could be assigned if system supplies over 60% of building's energy needs (averaged over 1 year)

Potentially Feasible Air Mitigation Measures (PFAMM)

PFAMM #	Description	Point Value	Comments
BLD-10	Innovative Energy-Efficient Technologies or measures exceeding Title 24 energy efficiency standards by 10 to 15%.	TBD	Cannot use points for this and measure #BLD-01 (or other overlapping measures) unless they are uniquely different as determined by the County of Sutter and the FRAQMD
BLD-11	Participate in and implement available PG&E energy-efficient rebate programs including air conditioning, gas heating, refrigeration, and lighting programs.	TBD	Proof of rebate program participation is required
HDD-01	Repower/Retrofit diesel fleet with cleaner diesel engine technology	TBD	Local and State incentive funds may be available
HDD-02	Replace diesel fleet with alternative fuel engine technology and infrastructure	TBD	Local and State incentive funds may be available
HDD-03	Buy down diesel fleet emissions by providing funds to FRAQMD to implement a Carl Moyer or Motor Vehicle Fund program (or equivalent) at a per ton cost to be determined.	TBD	Guidelines to be developed and approved by the FRAQMD Board of Directors.
MIX-01	Development of projects predominantly characterized by properties on which various uses, such as office, commercial, and institutional, are combined in a single building or on a single site. A "single site" may include contiguous properties.	3.0	Cannot use points for both this measure and any "Ancillary Services" measures. Also mutually exclusive with #MIX-02.
MIX-02	Mixed use - Have at least 3 of the following on site and/or within ½ mile: Retail Development, Personal Services, Open Space, Office	1.0	Cannot use points for both this measure and any "Ancillary Services" measures. Also mutually exclusive with #MIX-01.
MIX-03	Separate, safe, and convenient bicycle and pedestrian paths connecting residential, commercial, and office uses	2.0	
MIX-04	The project provides a development pattern that eliminates physical barriers such as walls, berms, landscaping, and slopes between commercial and industrial uses that impede bicycle or pedestrian circulation and ties into the Master Bike Plan	1.0	
ANC-01	Day care facilities are provided on site or within 1 mile of site	1.0 onsite; 0.5 within 1 mile	
ANC-02	Restaurant or cafeteria on site or within ¼ mile of site	0.2	
ANC-03	Bank or ATM on site or within ¼ mile of site	0.2	
ANC-04	Dry cleaners on site or within ¼ mile of site	0.2	

Potentially Feasible Air Mitigation Measures (PFAMM)

PFAMM #	Description	Point Value	Comments
ANC-05	Post office on site or within ¼ mile of site	0.2	
ANC-06	Entertainment (movie/video) on site or within ¼ mile of site	0.2	
ANC-07	Recreation facility/fitness center on site or within ¼ mile of site	0.2	
ANC-08	Public Park within ¼ mile	0.2	
ANC-09	Other trip reduction services on site or within 1/4 mile of site as determined by FRAQMD	0.2	
TMA-01	Provide financial incentives to carpoolers for vehicle tune-up or maintenance	0.2	Must be coordinated with TMA.
TMA-02	Implement compressed work week schedules	0.2	Must be coordinated with TMA.
TMA-03	Install videoconferencing system	0.5	Or community videoconferencing system coordinated with TMA with frequency of use requirement TBD.
TMA-04	Promote teleworking and implement an employee telework policy	1.0	
TMA-05	Implement Clean Air Business Practices such as using electric or low-emission company, contract carrier, delivery, or security vehicles; contracting with alternative fuel waste hauling companies; vehicles that are electric or CARB certified to optional low-emission standards for NOx, (in consultation with FRAQMD)	TBD	Concentrating on local services
TMA-06	Provide electric shuttle to transit stops	2.0	Maximum combined credit for measure #BPT-07 and #TMA-06 is 2.0
TMA-07	Transit pass subsidy and/or commute alternative allowance	1.5	Point value based on 100% subsidy.
INV-01	Emissions Buy-Down Program	TBD	Criteria and Guidelines to be developed by FRAQMD Board of Directors.
INV-02	Other proposed strategies, in consultation with the County of Sutter and the FRAQMD	TBD	