



South Coast Air Quality Management District
Transportation Programs
21865 Copley Drive
Diamond Bar, CA 91765

<http://www.aqmd.gov>
(909) 396-3271

Rule 2202 – On Road Motor Vehicle Mitigation Options

Annual Program

Compliance Forms

Revised March, 2013

Cleaning the air that we breathe ...



RULE 2202 - REGISTRATION FORM

YEAR: 2013
SITE ID: 3885

TYPE OR PRINT ALL INFORMATION

Section I - General Information

Employer/Organization Name: Jerry L. Pettis Memorial VA Medical Center

Worksite Address: 11201 Benton Street
Street Number (N, S, E, W) Street Name Type (St., Ave., Blvd.)

Unit / Suite Location / Mail stop
Loma Linda CA 92357 SB
City State Zip Code County (LA, OC, RS, SB)

Contact Name: Mr. Raymond Maldonado GEMS Coordinator
(Circle one) Name Title

Mailing Address: Same as above
(If different from site address)

Phone Number: (909) 583-6136 **E-Mail Address:** raymond.maldonado@va.gov
Area Code
Fax Number: (909) 422-3093
Area Code

If filing an Employee Commute Reduction Program, provide:

Employee Transportation Coordinator:
(Circle one) Name Title

Mailing Address:
(If different from site address)

Phone Number: () **E-Mail Address:**
Area Code
Fax Number: ()
Area Code

Date of Training:

Highest Ranking Official at this Site: Mr. Donald F. Moore Hospital Director
(Circle one) Name Title

Mailing Address: Same as above
(If different from site address)

Phone Number: (909) 583-6005 **E-Mail Address:** donald.moore2@va.gov
Area Code
Fax Number: (909) 422-3093
Area Code

I attest that the attached program including all strategies and appendices will be implemented as required by Rule 2202 – On-Road Motor Vehicle Mitigation Options and further declare that as stated herein, the proposed strategies will be implemented upon program approval by the AQMD.

Signature of Highest Ranking Official or individual responsible for allocating program resources:

Date:



RULE 2202 - REGISTRATION FORM

YEAR:	2013
SITE ID:	3885

Section I (continued)

Worksite Employment:

- Total number of employees reporting to this worksite: 2037
- Total number of employees reporting to this worksite within the designated peak window: 1629
- If you excluded Police/Sheriff/Federal Field Agents from the peak window employees, please indicate the total number of agents excluded: N/A (Partially reporting these employees is not acceptable)
- Total number of fleet vehicles located at this worksite: N/A

(Note: This information is required from those employers filing an Employee Commute Reduction Program and who have not met the corresponding Performance Zone Target AVR. If your worksite has no fleet vehicles on-site please enter "0". Do not leave the field blank or mark "N/A".)

Check One Box Only

Select Type of Program:

- ☐ **Air Quality Investment Program** - Complete Sections I – II; pages 1-3.
- ☒ **Emission/Trip Reduction Strategies** - Complete Sections I and III; pages 1, 2, 4, or 6-9 and corresponding Appendices, if applicable.
- ☐ **Employee Commute Reduction Program** - Complete Sections I and IV; pages 1, 2, and 5-25, and corresponding Appendices, if applicable.
- ☐ **Employee Commute Reduction Program Offset** – Complete Sections I, IV-2, and IV-4; pages 1, 2, 6-9, and 26, and corresponding Appendices, if applicable.
- ☐ **Employee Commute Reduction Program High AVR No Fault Inspection** - Complete Sections I and IV-2; pages 1-2 and 6-9, and corresponding Appendices, if applicable. Include your Compliance Pass Letter. Note: This type of program cannot be used when filing a first year program.

Determine your correct filing fee(s) and submit your completed forms along with a check payable to:

**South Coast Air Quality Management District
Transportation Programs
21865 Copley Drive
Diamond Bar, CA 91765**

Please provide the site I.D. number and specify "Rule 2202" on all checks. Programs submitted with no check or incorrect fee amounts may be disapproved and subject to resubmittal fees. Please refer to Rule 308 for current Emission/Trip Reduction Strategies and for Employee Commute Reduction Program filing fees. Please refer to Rule 311 for current Air Quality Investment Program filing fees.

Fees are subject to change each July 1st. Please call our Transportation Fee Line at (909) 396-FEES for latest information, or visit our Web Site at www.aqmd.gov to download Rule 308 or Rule 311.

Site Street Address, City, Zip	Total # of Employees	Amount Due
11201 Benton Street, Loma Linda, CA 92357	2037	\$516.09
Annual Program Due Date: <u>June 18, 2013</u>	Late Fees, if applicable: (50% of filing fee)	
Total Fees Submitted:		\$516.09



RULE 2202 - REGISTRATION FORM

YEAR:	2013
SITE ID:	3885

Section III

Emission/Trip Reduction Strategies Option

1. Enter the daily average number of employees reporting to work during the Peak Window of 6am-10am for a typical Monday through Friday period excluding those weeks which include a national holiday.	1465.60
2. Enter the number of Creditable Commute Vehicle Reductions (CCVR) in the Peak Window. Mark below how the CCVR was determined (see Supplemental Worksheets in Appendix B). Check one: AVR Survey* <u>1.26</u> Default AVR (1.1) _____ *Complete Section IV-2 AVR Verification Process (pages 6-9) Alternative Method _____ Certification Number & Date _____ Other _____ (requires prior approval)	298.35

Emission Reduction Target (ERT) Calculation	VOC	NOx	CO
3. Enter the Employee Emission Reduction Factors with respect to the worksite's Performance Zone. (see Table 1 in Appendix B). Check one: Zone 1 _____ Zone 2 <u>X</u> Zone 3 _____	1.39	1.28	13.72
4. Multiply Line 1 times Line 3 and enter the results.	2037.18	1875.97	20108.03
5. Enter the Emission Factors for Vehicle Trip Emission Credits. (see Table 2 in Appendix B).	4.16	3.83	41.16
6. Multiply Line 2 times Line 5 and enter the results. This is your VTEC calculated from Creditable Commute Vehicle Reductions (CCVR).	1241.14	1142.68	12280.09
7. Subtract Line 6 from Line 4 and enter the results. This is your EMISSION REDUCTION TARGET (ERT). STOP here if this amount is zero or a negative number, you are in compliance. If this amount is a positive number, proceed to either Line 8, and/or Line 9, and/or Line 11.	796.05	733.29	7827.95
Vehicle Trip Emission Credits (VTEC) from Emission/Trip Reduction Sources. Indicate the lbs. of VTECs in this area	VOC	NOx	CO
8. Emission Reduction Sources (such as Reg XVI, Reg XIII, Area Source Credits, Tug Boat Emission Reductions, or other AQMD approved emission reduction strategies).	0	0	0
9. Trip Reduction Sources (such as other work-related trip reductions, VMT programs, parking cash-out, non-peak CCVR's, etc.). For non-peak CCVR credits, divide the off-peak CCVR by 1.15; enter the adjusted CCVR here: _____ Multiply adjusted CCVR by line 5 and enter the results.	199.10	183.31	1969.95
10. Enter the sum of Lines 8 and Line 9.	199.10	183.31	1969.95
11. Subtract Line 10 from Line 7 and enter the results. This is your Net EMISSION REDUCTION TARGET (ERT). STOP here if this amount is zero or a negative number, you are in compliance. If this amount is still a positive number, surrender these credits to AQMD	597	550	5858

Section IV - Employee Commute Reduction Program (ECRP) Option

Section IV-2. AVR Verification Process

A. Methodology:

Identify the methodology used to obtain the survey data by checking one of the following choices and provide a copy of the data collection instrument. See Rule 2202 - Employee Commute Reduction Program Guidelines for additional information.

☒

District Approved AVR Survey

(If selected, complete Section B. The 7-day survey form is available on our Website at www.aqmd.gov/trans.)

☐

Other

(Alternative methods require prior AQMD approval; e.g., Random Sample, or Record-Keeping)

Certification Number: **RK-060607**

Date: **June 7, 2006**

B. District Approved AVR Survey

Survey Week:

First day of survey

03/11/2013

Last day of survey

03/15/2013

Survey Response Rate (Peak Window)

Number of surveys returned from employees reporting to work within the designated peak window.

1616

divided by

Total number of employees reporting to work within the designated peak window.

1629

equals

Survey response rate (60% minimum response rate required.)

99%

NOTE: This number cannot be greater than 100%.

Survey Response Rate (Off-Peak Period, if applicable)

NOTE: Reporting Off-Peak data is optional. See ECRP Guidelines for additional information.

Number of surveys returned from employees reporting to work during the off-peak period.

342

divided by

Total number of employees reporting to work during the off-peak period.

408

equals

Survey response rate (60% minimum response rate required.)

84%

Specific location where AVR verification data are stored at your worksite

Site Group Name: VA Loma Linda Healthcare System - 2013

Section IV-2 (cont.): D. Weekly Employee Survey Summary Form (Peak)

See Instructions on Page 9.

Percent Response: 99%

Summarize the commute modes of employees reporting to work within the standard 6-10 a.m., Mon-Fri window only.
Days of the Week: _____ Hours: _____ through: _____
If different than Monday through Friday, and/or 6:00 AM to 10:00 AM, identify the 5 consecutive days and/or the 4 consecutive hours above

Mode	Mon	Tue	Wed	Thu	Fri	Total
NSR. No Survey Response (60-89%)	0	0	0	0	0	0
Surveys With Errors	0	0	0	0	0	0
A. Drive Alone	1004	1079	1108	1079	1034	5304
B. Motorcycle	11	12	14	14	12	63
C. 2 persons in vehicle	139	163	160	160	140	762
D. 3 persons in vehicle	21	20	20	22	19	102
E. 4 persons in vehicle	8	10	8	8	10	44
F. 5 persons in vehicle	14	15	14	14	13	70
G. 6 persons in vehicle	19	21	19	21	19	99
H. 7 persons in vehicle	15	13	12	12	11	63
I. 8 persons in vehicle	3	3	4	4	4	18
J. 9 persons in vehicle	0	0	0	0	0	0
K. 10 persons in vehicle	2	3	3	3	4	15
L. 11 persons in vehicle	0	0	0	0	0	0
M. 12 persons in vehicle	0	0	0	0	0	0
N. 13 persons in vehicle	0	0	0	0	0	0
O. 14 persons in vehicle	0	0	0	0	0	0
P. 15 persons in vehicle	0	0	0	0	0	0
Q. Bus	21	24	23	23	20	111
R. Rail/plane	1	1	1	1	1	5
S. Walk	37	40	37	41	37	192
T. Bicycle	9	12	9	10	7	47
U. Zero Emission Vehicle (No Hybrid)	0	0	0	0	0	0
V. Telecommute	7	10	11	13	10	51
W. Noncommuting	9	14	14	17	21	75
Compressed Work Week Day(s) Off						
X. 3/36 work week	36	25	8	25	24	118
Y. 4/40 work week	49	6	12	7	31	105
Z. 9/80 work week	41	7	5	4	27	84
Other Days Off						
AA. Vacation	30	26	30	38	45	169
BB. Sick	23	17	14	13	8	75
CC. Regular Day Off, Jury Duty, LOA,	99	62	71	61	96	389
DD. NSR (90% or higher response)	13	13	13	13	13	65
OO. Off-Peak Trips (mixed schedule)	18	33	19	26	23	119
Daily Totals						
	1629	1629	1629	1629	1629	8145

Section IV-2 (cont.): E. Weekly Employee/Vehicle Calculation (Peak)**Weekly Employee Trips****Weekly Vehicle Trips**

Mode	Column I		Column II
NSR. No Survey Returned (if 60%-89%)	0	NSR. divided by 1	0.00
Survey Errors	0	Survey Errors divided by 1	0.00
A. Drive Alone	5304	A. divided by 1	5304.00
B. Motorcycle	63	B. divided by 1	63.00
C. 2 persons in vehicle	762	C. divided by 2	381.00
D. 3 persons in vehicle	102	D. divided by 3	34.00
E. 4 persons in vehicle	44	E. divided by 4	11.00
F. 5 persons in vehicle	70	F. divided by 5	14.00
G. 6 persons in vehicle	99	G. divided by 6	16.50
H. 7 persons in vehicle	63	H. divided by 7	9.00
I. 8 persons in vehicle	18	I. divided by 8	2.25
J. 9 persons in vehicle	0	J. divided by 9	0.00
K. 10 persons in vehicle	15	K. divided by 10	1.50
L. 11 persons in vehicle	0	L. divided by 11	0.00
M. 12 persons in vehicle	0	M. divided by 12	0.00
N. 13 persons in vehicle	0	N. divided by 13	0.00
O. 14 persons in vehicle	0	O. divided by 14	0.00
P. 15 persons in vehicle	0	P. divided by 15	0.00
Q. Bus	111	Q. Bus	0.00
R. Rail/plane	5	R. Rail/plane	0.00
S. Walk	192	S. Walk	0.00
T. Bicycle	47	T. Bicycle	0.00
U. Zero Emission Vehicle (No Hybrid)	0	U. Zero Emission Vehicle (No Hybrid)	0.00
V. Telecommute	51	V. Telecommute	0.00
W. Noncommuting	75	W. Noncommuting	0.00
Compressed Work Week Day(s) Off		TV. Total Vehicles (NSR through P.)	5836.25
X. 3/36 work week	118		
Y. 4/40 work week	105		
Z. 9/80 work week	84		
ET Employee Trips (total NSR thru Z)	7328		
Other Days Off			
AA. Vacation	169		
BB. Sick	75		
CC. Regular Day Off, Jury Duty, LOA, etc.	389		
*DD. NSR (90% or higher)	65		
**OO. Off-Peak Trips (Mixed Schedule)	119		
EE. Total (ET + AA + BB + CC + DD + OO)	8145		
FF. Number of employees in window	1629		
GG. Multiply box FF by 5	8145		

*DD: No Survey Response for employers that have achieved a 90% or higher survey response rate.

**OO Off-Peak: See Section V - ETC Instructions, on page 9.

Note: Numbers in boxes EE & GG must be the same.

Section IV-2 (cont.): F. AVR Planning Form (Peak)

- | | | |
|---|----|---------|
| 1. Total employee trips generated within window. (Section IV-2-E Line ET) | 1. | 7328 |
| 2. Total vehicles arriving at the worksite within the window (Section IV-2-E, Line TV) | 2. | 5836.25 |
| 3. Divide line #1 of this page by line #2 of this page for current AVR | 3. | 1.256 |
| 4. Enter AVR performance zone here (1.3, 1.5, or 1.75). To determine correct performance zone refer to map on Appendix B. | 4. | 1.50 |
| 5. AVR of last submittal. | 5. | _____ |
| 6. Enter Adjusted AVR from the Appendix(ces) here, if applicable, otherwise enter the AVR from line 3. Adjustments to the AVR: Check all that apply and complete the corresponding Appendix(ces). | 6. | _____ |

☐**Off-Peak Credits (Complete Appendix C)**☐**Reduced Staffing (Complete Appendix D)**☐**Non-Regulated Sites (Complete Appendix E)**☐**Multiple Adjustment Worksheet (Complete Appendix F)**

Section IV-2 (cont.): D. Weekly Employee Survey Summary Form (Off-Peak)

See Instructions on Page 10.

Percent Response: 84%

Summarize the commute modes of employees reporting to work within the standard 6-10 a.m., Mon-Fri window only.
Days of the Week: _____
If different than Monday through Friday, and/or 6:00 AM to 10:00 AM, identify the 5 consecutive days and/or the 4 consecutive hours above

Mode	Mon	Tue	Wed	Thu	Fri	Total
NSR. No Survey Response (60-89%)	66	66	66	66	66	330
Surveys With Errors	0	0	0	0	0	0
A. Drive Alone	214	255	248	243	222	1182
B. Motorcycle	5	6	4	4	3	22
C. 2 persons in vehicle	18	28	25	25	20	116
D. 3 persons in vehicle	2	3	1	1	2	9
E. 4 persons in vehicle	0	0	0	0	0	0
F. 5 persons in vehicle	0	0	0	0	1	1
G. 6 persons in vehicle	0	0	0	1	0	1
H. 7 persons in vehicle	1	1	1	0	0	3
I. 8 persons in vehicle	0	0	0	0	0	0
J. 9 persons in vehicle	0	0	0	0	0	0
K. 10 persons in vehicle	0	0	0	0	0	0
L. 11 persons in vehicle	0	0	0	0	0	0
M. 12 persons in vehicle	0	0	0	0	0	0
N. 13 persons in vehicle	0	0	0	0	0	0
O. 14 persons in vehicle	0	0	0	0	0	0
P. 15 persons in vehicle	0	0	0	0	0	0
Q. Bus	9	11	10	10	10	50
R. Rail/plane	0	0	0	0	0	0
S. Walk	5	6	7	5	6	29
T. Bicycle	2	2	1	1	1	7
U. Zero Emission Vehicle (No Hybrid)	0	0	0	0	0	0
V. Telecommute	0	0	0	0	0	0
W. Noncommuting	2	2	3	4	5	16
Compressed Work Week Day(s) Off						
X. 3/36 work week	16	7	4	15	17	59
Y. 4/40 work week	15	0	4	0	15	34
Z. 9/80 work week	8	1	1	0	2	12
Other Days Off						
AA. Vacation	5	7	7	7	9	35
BB. Sick	2	3	3	2	2	12
CC. Regular Day Off, Jury Duty, LOA,	56	43	42	50	50	241
DD. NSR (90% or higher response)	0	0	0	0	0	0
OO. Peak Trips (mixed schedule)	40	25	39	32	35	171
Daily Totals	466	466	466	466	466	2330

Section IV-2 (cont.): E. Weekly Employee/Vehicle Calculation (Off-Peak)**Weekly Employee Trips****Weekly Vehicle Trips**

Mode	Column I		Column II
NSR. No Survey Returned (if 60%-89%)	330	NSR. divided by 1	330.00
Survey Errors	0	Survey Errors divided by 1	0.00
A. Drive Alone	1182	A. divided by 1	1182.00
B. Motorcycle	22	B. divided by 1	22.00
C. 2 persons in vehicle	116	C. divided by 2	58.00
D. 3 persons in vehicle	9	D. divided by 3	3.00
E. 4 persons in vehicle	0	E. divided by 4	0.00
F. 5 persons in vehicle	1	F. divided by 5	0.20
G. 6 persons in vehicle	1	G. divided by 6	0.17
H. 7 persons in vehicle	3	H. divided by 7	0.43
I. 8 persons in vehicle	0	I. divided by 8	0.00
J. 9 persons in vehicle	0	J. divided by 9	0.00
K. 10 persons in vehicle	0	K. divided by 10	0.00
L. 11 persons in vehicle	0	L. divided by 11	0.00
M. 12 persons in vehicle	0	M. divided by 12	0.00
N. 13 persons in vehicle	0	N. divided by 13	0.00
O. 14 persons in vehicle	0	O. divided by 14	0.00
P. 15 persons in vehicle	0	P. divided by 15	0.00
Q. Bus	50	Q. Bus	0.00
R. Rail/plane	0	R. Rail/plane	0.00
S. Walk	29	S. Walk	0.00
T. Bicycle	7	T. Bicycle	0.00
U. Zero Emission Vehicle (No Hybrid)	0	U. Zero Emission Vehicle (No Hybrid)	0.00
V. Telecommute	0	V. Telecommute	0.00
W. Noncommuting	16	W. Noncommuting	0.00
Compressed Work Week Day(s) Off		TV. Total Vehicles (NSR through P.)	1595.80
X. 3/36 work week	59		
Y. 4/40 work week	34		
Z. 9/80 work week	12		
ET Employee Trips (total NSR thru Z)	1871		
Other Days Off			
AA. Vacation	35		
BB. Sick	12		
CC. Regular Day Off, Jury Duty, LOA, etc.	241		
*DD. NSR (90% or higher)	0		
**OO. Peak Trips Mixed Schedule	171		
EE. Total (ET + AA + BB + CC + DD + OO)	2330		
***OO. Off-Peak	119		
Add Lines **OO Peak and ***OO Off-Peak	290		
Subtract the above from Line EE	2040		
****Divide Line above by 5.	408		

*DD: No Survey Response for employers that have achieved a 90% or higher survey response rate.

**OO. Peak: See Section V - ETC

Instructions, on page 9.

***OO. Off-Peak: Enter the number from line OO.

Off-Peak Trips of the Weekly Employee/Vehicle

Calculation (Peak), found on page 7. See

Section V - ETC Instructions, on page 9.

****The total number of employees in the Off-Peak

in this box should match the number reported on

Section V, on page 5, item B (Total Number of

Employees Reporting to Work during the Off-Peak Period).

Section IV-2 (cont.): F. AVR Planning Form (Off-Peak)

- | | | |
|---|----|---------|
| 1. Total employee trips generated within window. (Section IV-2-E Line ET) | 1. | 1871 |
| 2. Total vehicles arriving at the worksite within the window (Section IV-2-E, Line TV) | 2. | 1595.80 |
| 3. Divide line #1 of this page by line #2 of this page for current AVR | 3. | 1.172 |
| 4. Enter AVR performance zone here (1.3, 1.5, or 1.75). To determine correct performance zone refer to map on Appendix B. | 4. | 1.50 |
| 5. AVR of last submittal. | 5. | _____ |
| 6. Enter Adjusted AVR from the Appendix(ces) here, if applicable, otherwise enter the AVR from line 3. Adjustments to the AVR: Check all that apply and complete the corresponding Appendix(ces). | 6. | _____ |

☐**Off-Peak Credits (Complete Appendix C)**☐**Reduced Staffing (Complete Appendix D)**☐**Non-Regulated Sites (Complete Appendix E)**☐**Multiple Adjustment Worksheet (Complete Appendix F)**