Appendix C

Ventura County Emissions Forecast by Emissions Inventory Category Name

Table C-1
ROG Planning Emission Forecast by Summary Category by Air Basin

Ventura County	ROG (tons/summer day)			
EIC Summary Category Name	**2002**	**2008**	**2011**	**2012**
SCC AIR BASIN				
STATIONARY SOURCES				
Fuel Combustion				
010-Electric Utilities	0.24	0.29	0.30	0.30
020-Cogeneration	0.01	0.01	0.01	0.01
030-Oil And Gas Production (Combustion)	0.14	0.13	0.13	0.13
040-Petroleum Refining (Combustion)	0.00	0.00	0.00	0.00
050-Manufacturing And Industrial	0.04	0.04	0.04	0.04
052-Food And Agricultural Processing	0.20	0.20	0.20	0.20
060-Service And Commercial	0.07	0.08	0.08	0.08
099-Other (Fuel Combustion)	0.07	0.04	0.03	0.03
Total Fuel Combustion	**0.76**	**0.78**	**0.78**	**0.78**
Waste Disposal				
110-Sewage Treatment	0.01	0.01	0.01	0.01
120-Landfills	0.09	0.11	0.12	0.13
130-Incinerators	0.00	0.00	0.00	0.00
140-Soil Remediation	0.00	0.00	0.00	0.00
199-Other (Waste Disposal)	0.00	0.00	0.00	0.00
Total Waste Disposal	**0.09**	**0.12**	**0.13**	**0.13**
Cleaning And Surface Coatings				
210-Laundering	0.01	0.01	0.01	0.01
220-Degreasing	3.17	2.27	2.38	2.41
230-Coatings And Related Process Solvents	2.08	2.19	2.28	2.31
240-Printing	0.27	0.28	0.29	0.29
250-Adhesives And Sealants	0.40	0.39	0.41	0.41
299-Other (Cleaning And Surface Coatings)	0.38	0.39	0.41	0.42
Total Cleaning And Surface Coatings	**6.30**	**5.53**	**5.78**	**5.85**
Petroleum Production And Marketing				
310-Oil And Gas Production	2.03	1.97	1.93	1.92
320-Petroleum Refining	0.00	0.00	0.00	0.00
330-Petroleum Marketing	1.07	1.03	1.04	1.05
399-Other (Petroleum Production And Marketing)	0.00	0.00	0.00	0.00
Total Petroleum Production And Marketing	**3.10**	**3.00**	**2.97**	**2.97**
Industrial Processes				
410-Chemical	0.10	0.11	0.11	0.11
420-Food And Agriculture	0.01	0.01	0.01	0.01
430-Mineral Processes	0.04	0.04	0.04	0.04
440-Metal Processes	0.00	0.00	0.00	0.00
450-Wood And Paper	0.11	0.11	0.12	0.12
470-Electronics	0.02	0.02	0.03	0.03
499-Other (Industrial Processes)	0.08	0.08	0.08	0.08
Total Industrial Processes	**0.37**	**0.38**	**0.40**	**0.40**
TOTAL STATIONARY SOURCES	**10.62**	**9.81**	**10.06**	**10.14**

Table C-1 (continued)

Ventura County	ROG (tons/summer day)			
EIC Summary Category Name	**2002**	**2008**	**2011**	**2012**
AREA-WIDE SOURCES				
Solvent Evaporation				
510-Consumer Products	5.78	5.06	5.21	5.26
520-Architectural Coatings And Related Process Solvents	3.21	2.87	2.97	3.01
530-Pesticides/Fertilizers	3.99	4.82	4.82	4.82
540-Asphalt Paving / Roofing	0.56	0.60	0.62	0.63
Total Solvent Evaporation	**13.53**	**13.36**	**13.62**	**13.71**
Miscellaneous Processes				
610-Residential Fuel Combustion	0.20	0.21	0.22	0.22
620-Farming Operations	0.12	0.12	0.12	0.12
630-Construction And Demolition	0.00	0.00	0.00	0.00
640-Paved Road Dust	0.00	0.00	0.00	0.00
645-Unpaved Road Dust	0.00	0.00	0.00	0.00
650-Fugitive Windblown Dust	0.00	0.00	0.00	0.00
660-Fires	0.02	0.02	0.02	0.02
670-Managed Burning And Disposal	0.19	0.21	0.21	0.21
690-Cooking	0.07	0.06	0.06	0.06
Total Miscellaneous Processes	**0.59**	**0.61**	**0.63**	**0.63**
TOTAL AREA-WIDE SOURCES	**14.12**	**13.97**	**14.25**	**14.34**
MOBILE SOURCES				
On-Road Motor Vehicles				
710-Light Duty Passenger (LDA)	9.19	5.11	3.88	3.53
722-Light Duty Trucks - 1 (LDT1)	1.84	1.14	0.89	0.84
723-Light Duty Trucks - 2 (LDT2)	3.64	2.55	2.35	2.28
724-Medium Duty Trucks (MDV)	1.87	1.32	1.25	1.23
732-Light Heavy Duty Gas Trucks - 1 (LHDV1)	1.39	0.57	0.47	0.45
733-Light Heavy Duty Gas Trucks - 2 (LHDV2)	0.21	0.10	0.09	0.09
734-Medium Heavy Duty Gas Trucks (MHDV)	0.51	0.25	0.20	0.18
736-Heavy Heavy Duty Gas Trucks (HHDV)	0.20	0.11	0.08	0.07
742-Light Heavy Duty Diesel Trucks - 1 (LHDV1)	0.00	0.02	0.02	0.02
743-Light Heavy Duty Diesel Trucks - 2 (LHDV2)	0.02	0.02	0.01	0.01
744-Medium Heavy Duty Diesel Trucks (MHDV)	0.04	0.03	0.03	0.03
746-Heavy Heavy Duty Diesel Trucks (HHDV)	0.37	0.32	0.27	0.25
750-Motorcycles (MCY)	0.86	1.00	0.92	0.91
760-Heavy Duty Diesel Urban Buses (UB)	0.00	0.00	0.00	0.00
762-Heavy Duty Gas Urban Buses (UB)	0.01	0.01	0.01	0.01
770-School Buses (SB)	0.02	0.01	0.02	0.02
776-Other Buses (OB)	0.03	0.02	0.02	0.02
780-Motor Homes (MH)	0.11	0.06	0.04	0.04
Total On-Road Motor Vehicles	**20.31**	**12.64**	**10.54**	**9.98**

Table C-1 (continued)

Ventura County	ROG (tons/summer day)			
EIC Summary Category Name	**2002**	**2008**	**2011**	**2012**
Other Mobile Sources				
810-Aircraft	0.51	0.66	0.69	0.69
820-Trains	0.13	0.12	0.12	0.11
830-Ships And Commercial Boats	0.23	0.26	0.27	0.27
840-Recreational Boats	3.85	3.65	3.42	3.37
850-Off-Road Recreational Vehicles	2.00	2.65	2.89	2.98
860-Off-Road Equipment	5.90	4.90	4.24	4.05
870-Farm Equipment	0.77	0.59	0.51	0.46
890-Fuel Storage And Handling	1.21	0.79	0.62	0.58
Total Other Mobile Sources	**14.59**	**13.61**	**12.74**	**12.52**
TOTAL MOBILE SOURCES	**34.90**	**26.24**	**23.29**	**22.50**
ERC Balance		**1.67**	**1.67**	**1.67**
TOTAL SCC AIR BASIN	**59.64**	**51.69**	**49.26**	**48.65**
OCS AIR BASIN				
STATIONARY SOURCES				
Fuel Combustion				
030-Oil And Gas Production (Combustion)	0.01	0.01	0.01	0.01
060-Service And Commercial	0.02	0.02	0.02	0.02
Total Fuel Combustion	**0.03**	**0.04**	**0.04**	**0.04**
Cleaning And Surface Coatings				
230-Coatings And Related Process Solvents	0.01	0.00	0.00	0.00
Total Cleaning And Surface Coatings	**0.01**	**0.00**	**0.00**	**0.00**
Petroleum Production And Marketing				
310-Oil And Gas Production	0.04	0.04	0.04	0.04
330-Petroleum Marketing	0.00	0.00	0.00	0.00
Total Petroleum Production And Marketing	**0.04**	**0.04**	**0.04**	**0.04**
TOTAL STATIONARY SOURCES	**0.09**	**0.08**	**0.08**	**0.08**
MOBILE SOURCES				
Other Mobile Sources				
810-Aircraft	0.07	0.10	0.11	0.11
830-Ships And Commercial Boats	0.56	0.64	0.67	0.68
Total Other Mobile Sources	**0.63**	**0.74**	**0.78**	**0.79**
TOTAL MOBILE SOURCES	**0.63**	**0.74**	**0.78**	**0.79**
TOTAL OCS AIR BASIN	**0.72**	**0.82**	**0.86**	**0.87**
TOTAL VENTURA COUNTY	**60.36**	**52.51**	**50.12**	**49.52**

NOTES:
Source: CEFS v1.06 (November 2006).
External ARB adjustments to CEFS v1.06 are noted in Table 4-3.
Table 3-7 State proposed 2012 reductions are not included.
Data rounding may affect displayed values and totals.

Table C-2
NOx Planning Emission Forecast by Summary Category by Air Basin

Ventura County	NOx (tons/summer day)			
EIC Summary Category Name	2002	2008	2011	2012
SCC AIR BASIN				
STATIONARY SOURCES				
Fuel Combustion				
010-Electric Utilities	1.36	1.62	1.68	1.69
020-Cogeneration	0.01	0.01	0.02	0.02
030-Oil And Gas Production (Combustion)	0.23	0.21	0.21	0.20
040-Petroleum Refining (Combustion)	0.01	0.01	0.01	0.01
050-Manufacturing And Industrial	0.85	0.89	0.93	0.95
052-Food And Agricultural Processing	2.54	2.34	2.17	2.11
060-Service And Commercial	0.36	0.33	0.33	0.33
099-Other (Fuel Combustion)	0.52	0.34	0.30	0.29
Total Fuel Combustion	**5.88**	**5.75**	**5.64**	**5.59**
Waste Disposal				
110-Sewage Treatment	0.01	0.01	0.01	0.01
120-Landfills	0.08	0.10	0.11	0.11
130-Incinerators	0.00	0.00	0.00	0.00
140-Soil Remediation	0.00	0.00	0.00	0.00
199-Other (Waste Disposal)	0.00	0.00	0.00	0.00
Total Waste Disposal	**0.09**	**0.11**	**0.12**	**0.12**
Cleaning And Surface Coatings				
210-Laundering	0.00	0.00	0.00	0.00
220-Degreasing	0.00	0.00	0.00	0.00
230-Coatings And Related Process Solvents	0.00	0.00	0.00	0.00
240-Printing	0.00	0.00	0.00	0.00
250-Adhesives And Sealants	0.00	0.00	0.00	0.00
299-Other (Cleaning And Surface Coatings)	0.00	0.00	0.00	0.00
Total Cleaning And Surface Coatings	**0.00**	**0.00**	**0.00**	**0.00**
Petroleum Production And Marketing				
310-Oil And Gas Production	0.04	0.03	0.03	0.03
320-Petroleum Refining	0.00	0.00	0.00	0.00
330-Petroleum Marketing	0.00	0.00	0.00	0.00
399-Other (Petroleum Production And Marketing)	0.00	0.00	0.00	0.00
Total Petroleum Production And Marketing	**0.04**	**0.03**	**0.03**	**0.03**
Industrial Processes				
410-Chemical	0.00	0.00	0.00	0.00
420-Food And Agriculture	0.00	0.00	0.00	0.00
430-Mineral Processes	0.00	0.00	0.00	0.00
440-Metal Processes	0.02	0.02	0.02	0.02
450-Wood And Paper	0.00	0.00	0.00	0.00
470-Electronics	0.00	0.00	0.00	0.00
499-Other (Industrial Processes)	0.06	0.06	0.06	0.06
Total Industrial Processes	**0.08**	**0.08**	**0.08**	**0.08**
TOTAL STATIONARY SOURCES	**6.08**	**5.97**	**5.87**	**5.82**

Table C-2 (continued)

Ventura County	NOx (tons/summer day)			
EIC Summary Category Name	**2002**	**2008**	**2011**	**2012**
AREA-WIDE SOURCES				
Solvent Evaporation				
510-Consumer Products	0.00	0.00	0.00	0.00
520-Architectural Coatings And Related Process Solvents	0.00	0.00	0.00	0.00
530-Pesticides/Fertilizers	0.00	0.00	0.00	0.00
540-Asphalt Paving / Roofing	0.00	0.00	0.00	0.00
Total Solvent Evaporation	**0.00**	**0.00**	**0.00**	**0.00**
Miscellaneous Processes				
610-Residential Fuel Combustion	1.12	1.16	1.17	1.18
620-Farming Operations	0.00	0.00	0.00	0.00
630-Construction And Demolition	0.00	0.00	0.00	0.00
640-Paved Road Dust	0.00	0.00	0.00	0.00
645-Unpaved Road Dust	0.00	0.00	0.00	0.00
650-Fugitive Windblown Dust	0.00	0.00	0.00	0.00
660-Fires	0.00	0.01	0.01	0.01
670-Managed Burning And Disposal	0.15	0.15	0.16	0.16
690-Cooking	0.00	0.00	0.00	0.00
Total Miscellaneous Processes	**1.27**	**1.32**	**1.34**	**1.35**
TOTAL AREA-WIDE SOURCES	**1.27**	**1.32**	**1.34**	**1.35**
MOBILE SOURCES				
On-Road Motor Vehicles				
710-Light Duty Passenger (LDA)	6.41	3.27	2.41	2.16
722-Light Duty Trucks - 1 (LDT1)	1.64	0.91	0.69	0.63
723-Light Duty Trucks - 2 (LDT2)	5.11	2.91	2.41	2.24
724-Medium Duty Trucks (MDV)	2.94	1.86	1.59	1.49
732-Light Heavy Duty Gas Trucks - 1 (LHDV1)	2.26	1.09	0.96	0.95
733-Light Heavy Duty Gas Trucks - 2 (LHDV2)	0.30	0.20	0.19	0.19
734-Medium Heavy Duty Gas Trucks (MHDV)	0.50	0.33	0.28	0.26
736-Heavy Heavy Duty Gas Trucks (HHDV)	0.53	0.31	0.23	0.21
742-Light Heavy Duty Diesel Trucks - 1 (LHDV1)	0.04	0.75	0.60	0.56
743-Light Heavy Duty Diesel Trucks - 2 (LHDV2)	0.75	0.58	0.48	0.45
744-Medium Heavy Duty Diesel Trucks (MHDV)	3.20	2.06	1.68	1.55
746-Heavy Heavy Duty Diesel Trucks (HHDV)	5.40	4.37	3.48	3.18
750-Motorcycles (MCY)	0.14	0.23	0.23	0.23
760-Heavy Duty Diesel Urban Buses (UB)	0.07	0.07	0.06	0.06
762-Heavy Duty Gas Urban Buses (UB)	0.02	0.02	0.03	0.03
770-School Buses (SB)	0.17	0.14	0.15	0.15
776-Other Buses (OB)	0.09	0.08	0.07	0.07
780-Motor Homes (MH)	0.43	0.33	0.27	0.26
Total On-Road Motor Vehicles	**30.00**	**19.52**	**15.80**	**14.67**

Table C-2 (continued)

Ventura County	NOx (tons/summer day)			
EIC Summary Category Name	**2002**	**2008**	**2011**	**2012**
Other Mobile Sources				
810-Aircraft	0.33	0.45	0.48	0.48
820-Trains	2.46	1.72	1.30	1.32
830-Ships And Commercial Boats	1.35	1.54	1.57	1.59
840-Recreational Boats	0.89	1.26	1.24	1.24
850-Off-Road Recreational Vehicles	0.05	0.06	0.07	0.07
860-Off-Road Equipment	15.61	12.73	10.88	10.30
870-Farm Equipment	3.81	2.97	2.58	2.40
890-Fuel Storage And Handling	0.00	0.00	0.00	0.00
Total Other Mobile Sources	**24.49**	**20.73**	**18.13**	**17.41**
TOTAL MOBILE SOURCES	**54.49**	**40.25**	**33.93**	**32.07**
ERC Balance		**0.51**	**0.51**	**0.51**
TOTAL SCC AIR BASIN	**61.83**	**48.05**	**41.65**	**39.75**
OCS AIR BASIN				
STATIONARY SOURCES				
Fuel Combustion				
030-Oil And Gas Production (Combustion)	0.15	0.14	0.14	0.14
060-Service And Commercial	0.24	0.26	0.27	0.27
Total Fuel Combustion	**0.39**	**0.40**	**0.41**	**0.41**
Cleaning And Surface Coatings				
230-Coatings And Related Process Solvents	0.00	0.00	0.00	0.00
Total Cleaning And Surface Coatings	**0.00**	**0.00**	**0.00**	**0.00**
Petroleum Production And Marketing				
310-Oil And Gas Production	0.01	0.01	0.01	0.01
330-Petroleum Marketing	0.00	0.00	0.00	0.00
Total Petroleum Production And Marketing	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL STATIONARY SOURCES	**0.40**	**0.41**	**0.41**	**0.42**
MOBILE SOURCES				
Other Mobile Sources				
810-Aircraft	0.04	0.06	0.06	0.07
830-Ships And Commercial Boats	12.92	15.74	17.36	17.97
Total Other Mobile Sources	**12.96**	**15.80**	**17.43**	**18.04**
TOTAL MOBILE SOURCES	**12.96**	**15.80**	**17.43**	**18.04**
TOTAL OCS AIR BASIN	**13.36**	**16.20**	**17.84**	**18.45**
TOTAL VENTURA COUNTY	**75.19**	**64.25**	**59.49**	**58.20**

NOTES:
Source: CEFS v1.06 (November 2006).
External ARB adjustments to CEFS v1.06 are noted in Table 4-3.
Table 3-7 State proposed 2012 reductions are not included.
Data rounding may affect displayed values and totals.