Ventura County Air Pollution Control District Carl Moyer Program Final Report
Phase 3 Air Resources Board Funds
On-Road Projects

Project Number	District	Year of Funding 1-98/99 2-99/00 3-00/01 4-01/02 5-02/03 6-03/04	Source of Funding	Applicant	Environmental Justice Score	Project Address (Street Address)	Project Location (City)	Project Location (Zip Code)	Project Location (County)	Equipment Type (Enter: "RF" for refuse hauler, "SNG" for stop-and-go refuse hauler and street sweeper, "SNG/AUX" for "SNG" vehicle with auxiliary engine, "LHT" for line haul truck, "UB" for urban transit bus, "SB" for school bus, or "Others")	GVWR	Project Type	Baseline Cost	Reduced (LEV/E) Cost	Number of Vehicles	Grant Request[1]	Baseline Total Annual Fuel Consumption per vehicle (gal)	Baseline Annual Fuel Consumption for Main Engine (gal) (Default: 2/3 of total fuel)	Baseline Annual Fuel Consumption for Aux. Engine (gal) (Default: 1/3 of total fuel)	Reduced (LEV) Annual Total Fuel Consumption per vehicle[2]
VCCMP 01-01	Ventura	3	Carl Moyer	G. I. Rubbish	N/A	195 W Los Angeles Avenue	Simi Valley	93065	Ventura	RF	51,000	New	$109,887	$149,185	1	$39,298	14,500	na	na	14,500
VCCMP 01-01	Ventura	3	Carl Moyer	G. I. Rubbish	N/A	195 W Los Angeles Avenue	Simi Valley	93065	Ventura	RF	51,000	New	$109,887	$149,185	1	$39,298	14,500	na	na	14,500
VCCMP 01-01	Ventura	3	Carl Moyer	G. I. Rubbish	N/A	195 W Los Angeles Avenue	Simi Valley	93065	Ventura	RF	51,000	New	$109,887	$149,185	1	$39,298	14,500	na	na	14,500
VCCMP 01-01	Ventura	3	Carl Moyer	G. I. Rubbish	N/A	195 W Los Angeles Avenue	Simi Valley	93065	Ventura	RF	51,000	New	$109,887	$149,185	1	$39,298	14,500	na	na	14,500
VCCMP 01-01	Ventura	3	Carl Moyer	G. I. Rubbish	N/A	195 W Los Angeles Avenue	Simi Valley	93065	Ventura	RF	57,500	New	$156,323	$195,521	1	$39,198	14,500	na	na	14,500
VCCMP 01-01	Ventura	3	Carl Moyer	G. I. Rubbish	N/A	195 W Los Angeles Avenue	Simi Valley	93065	Ventura	RF	57,500	New	$156,323	$195,521	1	$39,198	14,500	na	na	14,500
VCCMP 01-01	Ventura	3	Carl Moyer	G. I. Rubbish	N/A	195 W Los Angeles Avenue	Simi Valley	93065	Ventura	RF	57,500	New	$156,323	$195,521	1	$39,198	14,500	na	na	14,500
VCCMP 01-01	Ventura	3	Carl Moyer	G. I. Rubbish	N/A	195 W Los Angeles Avenue	Simi Valley	93065	Ventura	RF	57,500	New	$156,323	$195,521	1	$39,198	14,500	na	na	14,500
VCCMP 01-01	Ventura	3	Carl Moyer	G. I. Rubbish	N/A	195 W Los Angeles Avenue	Simi Valley	93065	Ventura	RF	51,000	New	$109,887	$149,185	1	$39,298	14,500	na	na	14,500
VCCMP 02-01	Ventura	3	Carl Moyer	Harrison Industries	N/A	1589 Lirio Avenue	Ventura	93004	Ventura	RF	57,500	New	$109,887	$144,757.47	0.5277792	$18,403.91	15,000	na	na	15,000
VCCMP 02-01	Ventura	3	Carl Moyer	Harrison Industries	N/A	1589 Lirio Avenue	Ventura	93004	Ventura	RF	57,500	New	$109,887	$147,043.10	1	$37,156.10	15,000	na	na	15,000
VCCMP 02-01	Ventura	3	Carl Moyer	Harrison Industries	N/A	1589 Lirio Avenue	Ventura	93004	Ventura	RF	57,500	New	$109,887	$146,141.37	1	$36,254.37	15,000	na	na	15,000
VCCMP 02-01	Ventura	3	Carl Moyer	Harrison Industries	N/A	1589 Lirio Avenue	Ventura	93004	Ventura	RF	57,500	New	$109,887	$147,233.62	1	$37,346.62	15,000	na	na	15,000
VCCMP 02-01	Ventura	3	Carl Moyer	Harrison Industries	N/A	1589 Lirio Avenue	Ventura	93004	Ventura	RF	57,500	New	$109,887	$149,185.00	1	$39,298.00	15,000	na	na	15,000
VCCMP 03-03	Ventura	3	Carl Moyer	Thompco, Inc.	N/A	Santa Clara River Valley	Fillmore	93016	Ventura	Well Service Rig	61,500	Repower	$6,660	$40,430	1	$33,770	10,000	na	na	10,000

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Project Number	ReducedAnnual Fuel Consumption for Main Engine (gal) (Default: 2/3 of total fuel)	Reduced Annual Fuel Consumption for Aux. Engine (gal) (Default: 1/3 of total fuel)	Baseline Annual Miles Traveled per Vehicle	Reduced (LEV/E) Annual Miles Traveled per Vehicles [2]	Percent in District	Baseline Serial/Vin Number	Baseline Fuel Type (diesel)	Baseline Engine Model/Type	Baseline Model Year	Baseline HP	Baseline NOx for "Stop-and-Go" Applications -- Main Engine - (g/bhp-hr)	Baseline NOx for "Stop-and-Go" Applications Aux. Engine - (g/bhp-hr)	Baseline NOx for Other Vehicles (g/mile)	NOx Fraction for Baseline Main Engine (if not applicable, then type "1")	CA Diesel Fuel NOx Correction Factor for Baseline Main Engine (if not applicable, then type "1")	Unit Conversion Factor	Adjusted NOx Baseline Main Engine "Stop-and-Go" (g/bhp-hr)	Adjusted NOx Baseline Main Engine (g/mile)	NOx Fraction for Baseline Aux. Engine (if not applicable, then type "1")
VCCMP 01-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 01-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 01-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 01-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 01-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 01-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 01-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 01-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 01-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 02-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 02-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 02-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 02-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.82	0.00	
VCCMP 02-01	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4			1.00	0.87	2.6	3.83	0.00	
VCCMP 03-03	na	0	N/A	N/A	100%	Illegible	diesel	Detroit Diesel 10678511	1971	350	6.0			1.00	0.87	2.6	5.22	0.00	

Phase 3 Air Resources Board Funds
On-Road Projects

Project Number	CA Diesel Fuel NOx Correction Factor for Baseline Aux. Engine (if not applicable, then type "1")	Adjusted NOx – Baseline Aux. Engine (g/bhp-hr)	Baseline PM for "Stop-and-Go" Applications – Main Engine - (g/bhp-hr)	Baseline PM for "Stop-and-Go" Applications Aux. Engine - (g/bhp-hr)	Baseline PM for Other Vehicles (g/mile)	CA Diesel Fuel PM Correction Factor for Baseline Main Engine (if not applicable, then type "1")	CA Diesel Fuel PM Correction Factor for Baseline Aux. Engine (if not applicable, then type "1")	Adjusted PM Baseline Main Engine "Stop-and-Go" (g/bhp-hr)	Adjusted PM Baseline Main Engine (g/mile)	Adjusted PM Baseline Aux. Engine (g/bhp-hr)	Reduced (LEV/E) Serial/Vin Number	Reduced (LEV/E) Fuel Type (gasoline, diesel, cng, lpg, lng, dual fuel, electric)	Reduced (LEV/E) Engine Model/Type	Reduced (LEV/E) Model Year	Reduced (LEV/E) Horsepower	ARB Executive Order Reference	Reduced (LEV/E) Engine Serial Number
VCCMP 01-01	1.00	0.00	0.10			0.90	1.00	0.09	0.00	0.00	1M2K195C22M020475	lng	Mack E7G	2002	325	A-027-0090	
VCCMP 01-01	1.00	0.00	0.10			0.90	1.00	0.09	0.00	0.00	1M2K199C72M020356	lng	Mack E7G	2002	325	A-027-0090	
VCCMP 01-01	1.00	0.00	0.10			0.90	1.00	0.09	0.00	0.00	1M2K199C92M020357	lng	Mack E7G	2002	325	A-027-0090	
VCCMP 01-01	1.00	0.00	0.10			0.90	1.00	0.09	0.00	0.00	1M2K199CX3M021678	lng	Mack E7G	2002	325	A-027-0090	
VCCMP 01-01	1.00	0.00	0.10			0.90	1.00	0.09	0.00	0.00	1M2AC12C43M007907	lng	Mack E7G	2002	325	A-027-0090	
VCCMP 01-01	1.00	0.00	0.10			0.90	1.00	0.09	0.00	0.00	1M2AC12C63M007908	lng	Mack E7G	2002	325	A-027-0090	
VCCMP 01-01	1.00	0.00	0.10			0.90	1.00	0.09	0.00	0.00	1M2AC12C63M007909	lng	Mack E7G	2002	325	A-027-0090	
VCCMP 01-01	1.00	0.00	0.10			0.90	1.00	0.09	0.00	0.00	1M2AC12C53M008063	lng	Mack E7G	2002	325	A-027-0090	
VCCMP 01-01	1.00	0.00	0.10			0.90	1.00	0.09	0.00	0.00	1M2K199C43M021689	lng	Mack E7G	2002	325	A-027-0090	
VCCMP 02-01	1.00	0.00	0.10			1.00	1.00	0.10	0.00	0.00		lng	PSA	2002	350		0PSZ03043
VCCMP 02-01	1.00	0.00	0.10			1.00	1.00	0.10	0.00	0.00		lng	PSA	2002	350		0PSZ03043
VCCMP 02-01	1.00	0.00	0.10			1.00	1.00	0.10	0.00	0.00		lng	PSA	2002	350		0PSZ03043
VCCMP 02-01	1.00	0.00	0.10			1.00	1.00	0.10	0.00	0.00		lng	PSA	2002	350		0PSZ03043
VCCMP 02-01	1.00	0.00	0.10			1.00	1.00	0.10	0.00	0.00		lng	PSA	2002	350		0PSZ03043
VCCMP 03-03	1.00	0.00	1.00			0.90	1.00	0.90	0.00	0.00	1CYCCN4842T045508	diesel	Detroit Diesel Series 60	2000	350		06R0489817

Project Number	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh	Reduced NOx + "Stop-a and/or A Fuel E (g/bh
VCCMP 01-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2
VCCMP 01-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2
VCCMP 01-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2
VCCMP 01-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2
VCCMP 01-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2
VCCMP 01-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	2
VCCMP 01-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	2
VCCMP 01-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	2
VCCMP 01-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	1-01	2
VCCMP 02-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2
VCCMP 02-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	
VCCMP 02-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	
VCCMP 02-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	
VCCMP 02-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	2-01	
VCCMP 03-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	3-03	

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Project Number	Emission Calculation Methodology (fuel, miles)	Cost-Effectiveness Limit ($/ton)	Incremental Cost per Unit	Incremental Cost for Total Project	Maximum Award Based on Incremental Cost and Grant Request	Maximum Award for Urban Buses Based on Calculated Incremental Cost to Transit Agency	NOx Reduction per Vehicle (ton/year)	"SNG" Aux. Engine NOx Reductions (tons/year)	Adjusted Final Per Vehicle NOx Reductions (tons/year)	Total Project NOx Reductions (ton/year)	Project Lifetime NOx Tons Reduction	% NOx Reduction (based on Emission Factors)	PM Reductions Per Vehicle (tons/year)	PM Reductions Per Vehicle Aux. Engine (tons/year)	Adjusted Final Per Vehicle PM Reduced Emissions (tons/year)	Total Project PM Reductions (tons/year)	Project Lifetime PM Tons Reductions	% PM Reduction (based on Emission Factors)	Capital Recovery
VCCMP 01-01	fuel	$13,600	$39,298	$39,298	$39,298		0.54	0.00	0.54	0.54	5.41	48%	0.012	0.00	0.012	0.012	0.118	44%	0.117
VCCMP 01-01	fuel	$13,600	$39,298	$39,298	$39,298		0.54	0.00	0.54	0.54	5.41	48%	0.012	0.00	0.012	0.012	0.118	44%	0.117
VCCMP 01-01	fuel	$13,600	$39,298	$39,298	$39,298		0.54	0.00	0.54	0.54	5.41	48%	0.012	0.00	0.012	0.012	0.118	44%	0.117
VCCMP 01-01	fuel	$13,600	$39,298	$39,298	$39,298		0.54	0.00	0.54	0.54	5.41	48%	0.012	0.00	0.012	0.012	0.118	44%	0.117
VCCMP 01-01	fuel	$13,600	$39,198	$39,198	$39,198		0.54	0.00	0.54	0.54	5.41	48%	0.012	0.00	0.012	0.012	0.118	44%	0.117
VCCMP 01-01	fuel	$13,600	$39,198	$39,198	$39,198		0.54	0.00	0.54	0.54	5.41	48%	0.012	0.00	0.012	0.012	0.118	44%	0.117
VCCMP 01-01	fuel	$13,600	$39,198	$39,198	$39,198		0.54	0.00	0.54	0.54	5.41	48%	0.012	0.00	0.012	0.012	0.118	44%	0.117
VCCMP 01-01	fuel	$13,600	$39,198	$39,198	$39,198		0.54	0.00	0.54	0.54	5.41	48%	0.012	0.00	0.012	0.012	0.118	44%	0.117
VCCMP 01-01	fuel	$13,600	$39,298	$39,298	$39,298		0.54	0.00	0.54	0.54	5.41	48%	0.012	0.00	0.012	0.012	0.118	44%	0.117
VCCMP 02-01	fuel	$13,600	$34,870	$18,404	$18,404		0.56	0.00	0.56	0.30	2.95	48%	0.000	0.00	0.000	0.000	0.000	0%	0.117
VCCMP 02-01	fuel	$13,600	$37,156	$37,156	$37,156		0.56	0.00	0.56	0.56	5.59	48%	0.000	0.00	0.000	0.000	0.000	0%	0.117
VCCMP 02-01	fuel	$13,600	$36,254	$36,254	$36,254		0.56	0.00	0.56	0.56	5.59	48%	0.000	0.00	0.000	0.000	0.000	0%	0.117
VCCMP 02-01	fuel	$13,600	$37,347	$37,347	$37,347		0.56	0.00	0.56	0.56	5.59	48%	0.000	0.00	0.000	0.000	0.000	0%	0.117
VCCMP 02-01	fuel	$13,600	$39,298	$39,298	$39,298		0.56	0.00	0.56	0.56	5.59	48%	0.000	0.00	0.000	0.000	0.000	0%	0.117
VCCMP 03-03	fuel	$13,600	$33,770	$33,770	$33,770		0.37	0.00	0.37	0.37	3.74	35%	0.008	0.00	0.008	0.008	0.082	44%	0.117

Project Number	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv	Cost-Effe (Sv
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 01-01	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,501	$8,5
VCCMP 02-01	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,
VCCMP 02-01	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,
VCCMP 02-01	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,
VCCMP 02-01	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,501	$72,
VCCMP 02-01	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$82,501	$8
VCCMP 03-03	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$163,503	$16

Ventura County Air Pollution Control District Carl Moyer Program Final Report
Phase 3 Match Funds
On-Road Projects

Project Number	District	Year of Funding 1-98/99 2-99/00 3-00/01 4-01/02 5-02/03 6-03/04	Source of Funding	Applicant	Environmental Justice Score	Project Address (Street Address)	Project Location (City)	Project Location (Zip Code)	Project Location (County)	Equipment Type (Enter: "RF" for refuse hauler, "SNG" for stop-and-go refuse hauler and street sweeper, "SNG/AUX" for "SNG" vehicle with auxiliary engine, "LHT" for line haul truck, "UB" for urban transit bus, "SB" for school bus, or "Others")	GVWR	Project Type	Baseline Cost	Reduced (LEV/E) Cost	Number of Vehicles
VCCMP 02-01	Ventura	3	Carl Moyer	Harrison Industries	N/A	1589 Lirio Avenue	Ventura	93004	Ventura	RF	57,500	New	$109,887	$144,757.47	0.47222076

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Project Number	Grant Request[1]	Baseline Total Annual Fuel Consumption per vehicle (gal)	Baseline Annual Fuel Consumption for Main Engine (gal) (Default: 2/3 of total fuel)	Baseline Annual Fuel Consumption for Aux. Engine (gal) (Default: 1/3 of total fuel)	Reduced (LEV) Annual Total Fuel Consumption per vehicle [2]	ReducedAnnual Fuel Consumption for Main Engine (gal) (Default: 2/3 of total fuel)	Reduced Annual Fuel Consumption for Aux. Engine (gal) (Default: 1/3 of total fuel)	Baseline Annual Miles Traveled per Vehicle	Reduced (LEV/E) Annual Miles Traveled per Vehicles [3]	Percent in District	Baseline Serial/Vin Number	Baseline Fuel Type (diesel)	Baseline Engine Model/Type	Baseline Model Year	Baseline HP	Baseline NOx for "Stop-and-Go" Applications -- Main Engine (g/bhp-hr)
VCCMP 02-01	$16,466.56	15,000	na	na	15,000	na	0	N/A	N/A	100%	N/A	diesel	Engine Certified to Diesel Standard	2000	350	4.4

Ventura County Air Pollution Control District Carl Moyer Program Final Report
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Project Number	Baseline NOx for "Stop-and-Go" Applications Aux. Engine - (g/bhp-hr)	Baseline NOx for Other Vehicles (g/mile)	NOx Fraction for Baseline Main Engine (if not applicable, then type "1")	CA Diesel Fuel NOx Correction Factor for Baseline Main Engine (if not applicable, then type "1")	Unit Conversion Factor	Adjusted NOx Baseline Main Engine "Stop-and-Go" (g/bhp-hr)	Adjusted NOx Baseline Main Engine (g/mile)	NOx Fraction for Baseline Aux. Engine (if not applicable, then type "1")	CA Diesel Fuel NOx Correction Factor for Baseline Aux. Engine (if not applicable, then type "1")	Adjusted NOx -- Baseline Aux. Engine (g/bhp-hr)	Baseline PM for "Stop-and-Go" Applications -- Main Engine - (g/bhp-hr)	Baseline PM for "Stop and-Go" Applications Aux. Engine - (g/bhp-hr)	Baseline PM for Other Vehicles (g/mile)	CA Diesel Fuel PM Correction Factor for Baseline Main Engine (if not applicable, then type "1")	CA Diesel Fuel PM Correction Factor for Baseline Aux. Engine (if not applicable, then type "1")	Adjusted PM Baseline Main Engine "Stop-and-Go" (g/bhp-hr)	Adjusted PM Baseline Main Engine (g/mile)	Adjusted PM Baseline Aux. Engine (g/bhp-hr)
VCCMP 02-01			1.00	0.87	2.6	3.83	0.00		1.00	0.00	0.10			1.00	1.00	0.10	0.00	0.00

Phase 3 Match Funds
On-Road Projects

Project Number	Reduced (LEV/E) Serial/Vin Number	Reduced (LEV/E) Fuel Type (gasoline, diesel, cng, lpg, lng, dual fuel, electric)	Reduced (LEV/E) Engine Model/Type	Reduced (LEV/E) Model Year	Reduced (LEV/E) Horsepower	ARB Executive Order Reference	Reduced (LEV/E) Engine Serial Number	Reduced (LEV/E) NOx + NMHC "Stop-and-Go" and/or Alternative Fuel Engines (g/bhp-hr)	Reduced (LEV/E) NOx + NMHC Diesel Engines Non-Stop-and-Go (g/mile)	NOx Fraction for LEV/E (if not applicable, then type "1")	CA Diesel Fuel NOx Correction Factor for Reduced LEV/E (if not applicable, then type "1")	Adjusted NOx Reduced (LEV/E) Main Engine "Stop-and-Go" (g/bhp-hr)	Adjusted NOx Reduced (LEV/E) Main Engine (g/mile)	"Stop-and-Go" Aux. Engine - Reduced (LEV/E) NOx+NMHC (g/bhp-hr)	NOx Fraction fo Reduced Aux. Engine (if not applicable, then type "1")
VCCMP 02-01		lng	PSA	2002	350		09SZ03043	2.5		1.00	0.80	2.00	na		

Ventura County Air Pollution Control District Carl Moyer Program Final Report
Phase 3 Match Funds
On-Road Projects

Project Number	CA Diesel Fuel NOx Correction Factor for Reduced Aux. Engine (if not applicable, then type "1")	Adjusted NOx – Reduced Aux. Engine (g/bhp-hr)	Reduced (LEV/E) PM for "Stop-and-Go" and/or Alternative Fuel Engines (g/bhp-hr)	Reduced (LEV/E) PM for Diesel Engines Non-Stop and-Go (g/mile)	CA Diesel Fuel PM Correction Factor for Reduced LEV/E (if not applicable, then type "1")	Adjusted PM Reduced (LEV/E) Main Engine "Stop-and-Go" (g/bhp-hr)	Adjusted PM Reduced (LEV/E) Main Engine (g/mile)	Street Sweeper Aux. Engine - Reduced (LEV) PM (g/bhp-hr)	CA Diesel Fuel PM Correction Factor for Reduced Aux. Engine (if not applicable, then type "1")	Adjusted PM Reduced Aux. Engine (g/bhp-hr)	Project Life (years)	Emission Calculation Methodology (fuel, miles)	Cost-Effectiveness Limit ($/ton)	Incremental Cost per Unit	Incremental Cost for Total Project	Maximum Award Based on Incremental Cost and Grant Request	Maximum Award for Urban Buses Based on Calculated Incremental Cost to Transit Agency	NOx Reduction per Vehicle (ton/year)	"SNG" Aux. Engine NOx Reductions (tons/year)
VCCMP 02-01		0.00	0.10		1.00	0.100				0.00	10	fuel	$13,600	$34,870	$16,467	$16,467		0.56	0.00

Phase 3 Match Funds
On-Road Projects

Project Number	Adjusted Final Per Vehicle NOx Reductions (tons/year)	Total Project NOx Reductions (ton/year)	Project Lifetime NOx Tons Reduction	% NOx Reduction (based on Emission Factors)	PM Reductions Per Vehicle (tons/year)	PM Reductions Per Vehicle Aux. Engine (tons/year)	Adjusted Final Per Vehicle PM Reduced Emissions (tons/year)	Total Project PM Reductions (tons/year)	Project Lifetime PM Tons Reductions	% PM Reduction (based on Emission Factors)	Capital Recovery	Cost-Effectiveness ($/ton)	Maximum Award considering CE Limit AND funding request	Project Cost-Effectiveness based on Maximum Award	Comments	Flags	Another Flag	One More Flag
VCCMP 02-01	0.56	0.26	2.64	48%	0.000	0.00	0.000	0.000	0.000	0%	0.117	$7,311	$16,467	$7,311			in-basin OK	NOx redux ok