

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
P-0541-B	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	04-Jan-11	Prop 1B 2008	1	4.62	4.62	0.28	0.28
P-0541-C	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	04-Jan-11	Prop 1B 2008	1	4.12	4.12	0.26	0.26
P-0541-A	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	04-Jan-11	Prop 1B 2008	1	11.30	11.30	0.38	0.38
P-0541-A	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	04-Jan-11	Prop 1B 2008	1	3.50	3.50	0.48	0.48
P-0363-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	10-Jan-11	Prop 1B 2008	0.75	9.70	7.27	0.29	0.22
P-0363-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	10-Jan-11	Prop 1B 2008	0.75	9.62	7.21	0.28	0.21
P-0558-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Jan-11	Prop 1B 2008	0.97	12.53	12.16	0.36	0.35
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Jan-11	Prop 1B 2008	0.97	6.63	6.43	0.27	0.26
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Jan-11	Prop 1B 2008	1	9.01	9.01	0.30	0.30
P-0053-C	On-Road Prop 1B	Vehicle Replacement	Hauler	5	12-Jan-11	Prop 1B 2008	1	5.69	5.69	0.23	0.23
P-0329-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	14-Jan-11	Prop 1B 2008	0.9	2.20	1.98	0.45	0.40
P-0053-A	On-Road Prop 1B	Vehicle Replacement	Hauler	5	15-Jan-11	Prop 1B 2008	1	7.21	7.21	0.36	0.36
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	7.99	5.99	0.29	0.22
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	9.58	7.18	0.34	0.25
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	8.62	6.47	0.31	0.23
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	9.13	6.85	0.32	0.24
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	8.76	6.57	0.31	0.23
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	9.62	7.21	0.34	0.25
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	10.46	7.85	0.37	0.27
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	7.72	5.79	0.28	0.21
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	8.83	6.62	0.31	0.24
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	8.22	6.17	0.28	0.21
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	9.30	6.98	0.33	0.25
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	11.15	8.37	0.39	0.29
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	11.02	8.26	0.38	0.29
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	8.60	6.45	0.31	0.23
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	7.89	5.92	0.29	0.21
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	10.43	7.82	0.36	0.27
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	10.91	8.18	0.38	0.28
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	11.09	8.31	0.38	0.29
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	9.11	6.84	0.32	0.24
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	8.30	6.23	0.30	0.22
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	11.82	8.86	0.41	0.31
P-0117-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	15-Jan-11	Prop 1B 2008	0.75	12.51	9.38	0.43	0.32
P-0143-A	On-Road Prop 1B	Vehicle Replacement	Dairy Loader	5	18-Jan-11	Prop 1B 2008	1	2.47	2.47	0.44	0.44
P-0369-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	21-Jan-11	Prop 1B 2008	1	6.13	6.13	0.38	0.00
P-0468-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Jan-11	Prop 1B 2008	0.8	10.66	8.53	0.36	0.28
P-0558-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Jan-11	Prop 1B 2008	0.97	11.11	10.78	0.32	0.31
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	25-Jan-11	Prop 1B 2008	1	8.73	8.73	0.29	0.29
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	25-Jan-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0558-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	27-Jan-11	Prop 1B 2008	1	11.73	11.73	0.34	0.34
P-0558-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	27-Jan-11	Prop 1B 2008	0.97	13.67	13.26	0.39	0.38
P-0234-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	28-Jan-11	Prop 1B 2008	0.5	2.30	1.15	0.45	0.23
P-0457-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Jan-11	Prop 1B 2008	0.8	9.02	7.21	0.30	0.24
P-0457-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Jan-11	Prop 1B 2008	0.8	9.28	7.43	0.27	0.22
P-0597-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	29-Jan-11	Prop 1B 2008	0.94	6.61	6.22	0.26	0.25

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
P-0501-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	31-Jan-11	Prop 1B 2008	0.9	7.81	7.03	0.26	0.24
P-0156-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jan-11	Prop 1B 2008	0.75	4.25	3.19	0.59	0.44
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	31-Jan-11	Prop 1B 2008	1	2.76	2.76	0.54	0.54
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	31-Jan-11	Prop 1B 2008	1	2.82	2.82	0.51	0.51
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	31-Jan-11	Prop 1B 2008	1	2.82	2.82	0.52	0.52
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	31-Jan-11	Prop 1B 2008	1	2.82	2.82	0.51	0.51
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	31-Jan-11	Prop 1B 2008	1	2.81	2.81	0.50	0.50
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	31-Jan-11	Prop 1B 2008	1	2.82	2.82	0.51	0.51
P-0436-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jan-11	Prop 1B 2008	1	4.36	4.36	0.60	0.60
P-0437-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	31-Jan-11	Prop 1B 2008	0.75	9.13	6.85	0.46	0.34
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	31-Jan-11	Prop 1B 2008	1	2.82	2.82	0.52	0.52
P-0436-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jan-11	Prop 1B 2008	1	4.36	4.36	0.60	0.60
P-0436-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jan-11	Prop 1B 2008	1	4.36	4.36	0.60	0.60
P-0437-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	31-Jan-11	Prop 1B 2008	0.75	10.04	7.53	0.33	0.25
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	31-Jan-11	Prop 1B 2008	1	3.67	3.67	0.51	0.51
P-0436-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jan-11	Prop 1B 2008	1	10.48	10.48	1.49	1.49
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	31-Jan-11	Prop 1B 2008	1	3.66	3.66	0.51	0.51
P-0436-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jan-11	Prop 1B 2008	1	11.16	11.16	1.59	1.59
P-0436-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jan-11	Prop 1B 2008	1	8.01	8.01	1.14	1.14
P-0441-A	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	01-Feb-11	Prop 1B 2008	0.97	3.74	3.62	0.54	0.52
P-0250-A	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	01-Feb-11	Prop 1B 2008	1	5.04	5.04	0.31	0.31
P-0460-C	On-Road Prop 1B	Vehicle Replacement	General On-Road Heavy Duty	5	01-Feb-11	Prop 1B 2008	0.75	4.84	3.63	0.29	0.22
P-0460-C	On-Road Prop 1B	Vehicle Replacement	General On-Road Heavy Duty	5	01-Feb-11	Prop 1B 2008	0.75	6.08	4.56	0.25	0.19
P-0460-C	On-Road Prop 1B	Vehicle Replacement	General On-Road Heavy Duty	5	01-Feb-11	Prop 1B 2008	0.75	5.76	4.32	0.24	0.18
P-0460-C	On-Road Prop 1B	Vehicle Replacement	General On-Road Heavy Duty	5	01-Feb-11	Prop 1B 2008	0.75	5.87	4.41	0.24	0.18
P-0460-B	On-Road Prop 1B	Vehicle Replacement	General On-Road Heavy Duty	5	01-Feb-11	Prop 1B 2008	0.75	6.29	4.72	0.25	0.19
P-0460-B	On-Road Prop 1B	Vehicle Replacement	General On-Road Heavy Duty	5	01-Feb-11	Prop 1B 2008	0.75	6.41	4.80	0.25	0.19
P-0585-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	6	03-Feb-10	Prop 1B 2008	0.75	12.04	9.03	0.32	0.00
P-0585-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	6	03-Feb-10	Prop 1B 2008	0.75	16.13	12.10	0.43	0.00
P-0138-A	On-Road Prop 1B	Vehicle Replacement	Bulk Truck	5	04-Feb-11	Prop 1B 2008	0.79	10.30	8.14	0.34	0.27
P-0117-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	07-Feb-11	Prop 1B 2008	0.75	6.88	5.16	0.26	0.19
P-0117-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	07-Feb-11	Prop 1B 2008	0.75	6.51	4.88	0.24	0.18
P-0117-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	07-Feb-11	Prop 1B 2008	0.75	6.81	5.11	0.25	0.19
P-0117-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	07-Feb-11	Prop 1B 2008	0.75	6.20	4.65	0.22	0.17
P-0092-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Feb-11	Prop 1B 2008	1	3.72	3.72	0.51	0.51
P-0040-A	On-Road Prop 1B	Vehicle Replacement	Fuel Transport Truck	5	09-Feb-11	Prop 1B 2008	1	11.81	11.81	0.34	0.34
P-0558-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	1	11.12	11.12	0.32	0.32
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	0.75	6.76	5.07	0.27	0.21
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	0.75	8.16	6.12	0.33	0.25
P-0558-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	1	11.94	11.94	0.35	0.35
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	1	6.88	6.88	0.28	0.28
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	0.75	10.26	7.69	0.34	0.25
P-0558-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	0.97	12.67	12.29	0.37	0.36
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	1	7.16	7.16	0.29	0.29
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	0.5	7.91	3.96	0.29	0.14
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Feb-11	Prop 1B 2008	0.75	7.52	5.64	0.27	0.20



Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
P-0577-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	28-Feb-11	Prop 1B 2008	1	7.58	7.58	0.22	0.22
P-0577-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	28-Feb-11	Prop 1B 2008	1	8.14	8.14	0.24	0.24
P-0093-A	On-Road Prop 1B	Vehicle Replacement	Local Delivery	5	28-Feb-11	Prop 1B 2008	0.75	12.45	9.34	0.37	0.28
P-0577-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	28-Feb-11	Prop 1B 2008	1	7.99	7.99	0.24	0.24
P-0440-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	01-Mar-11	Prop 1B 2008	1	3.45	3.45	0.47	0.47
P-0431-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	02-Mar-11	Prop 1B 2008	0.4	9.81	3.92	0.30	0.12
P-0431-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	02-Mar-11	Prop 1B 2008	0.6	8.94	5.37	0.26	0.16
P-0431-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	02-Mar-11	Prop 1B 2008	0.6	9.03	5.42	0.27	0.16
P-0261-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	04-Mar-11	Prop 1B 2008	0.7	8.55	5.98	0.35	0.24
P-0093-A	On-Road Prop 1B	Vehicle Replacement	Local Delivery	5	04-Mar-11	Prop 1B 2008	0.8	10.11	8.08	0.30	0.24
P-0558-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Mar-11	Prop 1B 2008	1	11.72	11.72	0.34	0.34
P-0431-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Mar-11	Prop 1B 2008	0.7	9.72	6.81	0.29	0.20
P-0431-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Mar-11	Prop 1B 2008	0.6	9.63	5.78	0.28	0.17
P-0541-B	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	08-Mar-11	Prop 1B 2008	1	5.64	5.64	0.23	0.23
P-0541-A	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	08-Mar-11	Prop 1B 2008	1	8.78	8.78	0.28	0.28
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Mar-11	Prop 1B 2008	0.75	11.18	8.39	0.33	0.24
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Mar-11	Prop 1B 2008	1	10.32	10.32	0.35	0.35
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Mar-11	Prop 1B 2008	1	13.25	13.25	0.39	0.39
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Mar-11	Prop 1B 2008	1	8.40	8.40	0.28	0.28
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	09-Mar-11	Prop 1B 2008	0.97	9.12	8.84	0.26	0.25
P-0087-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Mar-11	Prop 1B 2008	0.8	4.46	3.56	0.64	0.00
P-0476-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Mar-11	Prop 1B 2008	0.8	6.27	5.02	0.25	0.20
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Mar-11	Prop 1B 2008	0.75	11.99	8.99	0.35	0.26
P-0160-A	On-Road Prop 1B	Vehicle Replacement	Bulk Truck	5	14-Mar-11	Prop 1B 2008	0.5	10.77	5.38	0.32	0.16
P-0573-A	On-Road Prop 1B	Vehicle Replacement	Tow Truck	5	14-Mar-11	Prop 1B 2008	0.9	4.86	4.37	0.32	0.29
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	14-Mar-11	Prop 1B 2008	1	9.14	9.14	0.31	0.31
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	14-Mar-11	Prop 1B 2008	0.85	10.60	9.01	0.31	0.26
P-0581-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	16-Mar-11	Prop 1B 2008	0.85	8.98	7.64	0.29	0.25
P-0350-A	On-Road Prop 1B	Vehicle Replacement	Agricultural Hauler	5	16-Mar-11	Prop 1B 2008	1	9.01	9.01	0.30	0.30
P-0581-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	16-Mar-11	Prop 1B 2008	0.85	8.85	7.52	0.29	0.24
P-0350-A	On-Road Prop 1B	Vehicle Replacement	Agricultural Hauler	5	16-Mar-11	Prop 1B 2008	1	9.62	9.62	0.28	0.28
P-0362-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Mar-11	Prop 1B 2008	0.9	3.94	3.54	0.55	0.49
P-0552-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Mar-11	Prop 1B 2008	1	8.38	8.38	0.28	0.28
P-0009-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	21-Mar-11	Prop 1B 2008	1	8.44	8.44	0.28	0.28
P-0358-A	On-Road Prop 1B	Vehicle Replacement	Truck Tractor	5	22-Mar-11	Prop 1B 2008	0.3	3.72	1.11	0.51	0.15
P-0563-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	22-Mar-11	Prop 1B 2008	0.7	9.14	6.40	0.27	0.19
P-0279-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	23-Mar-11	Prop 1B 2008	0.98	10.03	9.83	0.30	0.29
P-0554-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	23-Mar-11	Prop 1B 2008	0.7	8.88	6.22	0.36	0.25
P-0040-A	On-Road Prop 1B	Vehicle Replacement	Fuel Transport Truck	5	23-Mar-11	Prop 1B 2008	1	9.36	9.36	0.32	0.32
P-0030-A	On-Road Prop 1B	Vehicle Replacement	Delivery Vehicle	5	24-Mar-11	Prop 1B 2008	1	1.96	1.96	0.42	0.42
P-0474-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Mar-11	Prop 1B 2008	0.8	7.38	5.90	0.30	0.24
P-0351-A	On-Road Prop 1B	Vehicle Replacement	Bulk Trailer	5	28-Mar-11	Prop 1B 2008	0.75	10.11	7.58	0.29	0.22
P-0351-A	On-Road Prop 1B	Vehicle Replacement	Bulk Trailer	5	29-Mar-11	Prop 1B 2008	0.75	10.08	7.56	0.30	0.23
P-0488-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Mar-11	Prop 1B 2008	0.6	10.66	6.40	0.32	0.19
P-0488-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Mar-11	Prop 1B 2008	0.6	11.64	6.98	0.35	0.21
P-0545-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Mar-11	Prop 1B 2008	1	7.81	7.81	0.26	0.26

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
P-0182-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	30-Mar-11	Prop 1B 2008	0.9	5.37	4.83	0.24	0.21
P-0488-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Mar-11	Prop 1B 2008	0.6	12.05	7.23	0.36	0.22
P-0488-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Mar-11	Prop 1B 2008	0.6	9.66	5.80	0.29	0.17
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0465-C	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	31-Mar-11	Prop 1B 2008	1	8.35	8.35	0.24	0.24
P-0465-A	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	31-Mar-11	Prop 1B 2008	1	8.51	8.51	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.31	8.31	0.27	0.27
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0465-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	31-Mar-11	Prop 1B 2008	1	8.43	8.43	0.25	0.25
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0465-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	31-Mar-11	Prop 1B 2008	1	8.43	8.43	0.25	0.25
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.31	8.31	0.27	0.27
P-0465-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	31-Mar-11	Prop 1B 2008	1	8.43	8.43	0.25	0.25
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.31	8.31	0.27	0.27
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.46	8.46	0.29	0.29
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Mar-11	Prop 1B 2008	1	8.42	8.42	0.28	0.28
C-4244-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	02-Apr-11	Prop 1B 2008	0.4	8.13	3.25	0.30	0.12
P-0467-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	04-Apr-11	Prop 1B 2008	0.8	7.20	5.76	0.29	0.23
P-0259-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	04-Apr-11	Prop 1B 2008	1	9.98	9.98	0.32	0.32
P-0552-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	04-Apr-11	Prop 1B 2008	1	7.88	7.88	0.27	0.27
P-0564-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	06-Apr-11	Prop 1B 2008	0.8	5.84	4.67	0.23	0.18
P-0010-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	07-Apr-11	Prop 1B 2008	0.95	5.78	5.49	0.23	0.22
P-0090-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	11-Apr-11	Prop 1B 2008	1	10.08	10.08	0.36	0.36
P-0463-A	On-Road Prop 1B	Vehicle Replacement	Delivery Vehicle	5	12-Apr-11	Prop 1B 2008	0.5	3.46	1.73	0.48	0.24
P-0463-A	On-Road Prop 1B	Vehicle Replacement	Delivery Vehicle	5	12-Apr-11	Prop 1B 2008	0.5	2.83	1.41	0.39	0.20
P-0541-D	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	12-Apr-11	Prop 1B 2008	1	1.88	1.88	0.36	0.36
P-0328-A	On-Road Prop 1B	Vehicle Replacement	Dump Truck	5	13-Apr-11	Prop 1B 2008	0.5	7.61	3.80	0.23	0.11
P-0328-B	On-Road Prop 1B	Vehicle Replacement	Dump Truck	5	13-Apr-11	Prop 1B 2008	0.5	7.56	3.78	0.23	0.11
P-0328-A	On-Road Prop 1B	Vehicle Replacement	Dump Truck	5	13-Apr-11	Prop 1B 2008	0.5	8.16	4.08	0.24	0.12
P-0561-C	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	14-Apr-11	Prop 1B 2008	0.7	6.40	4.48	0.22	0.15
P-0295-B	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	14-Apr-11	Prop 1B 2008	1	6.34	6.34	0.25	0.25
P-0561-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	14-Apr-11	Prop 1B 2008	0.7	8.76	6.14	0.24	0.17
P-0561-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	14-Apr-11	Prop 1B 2008	0.7	9.83	6.88	0.27	0.19
P-0356-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	15-Apr-11	Prop 1B 2008	1	10.46	10.46	0.32	0.32
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.31	8.31	0.27	0.27
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.31	8.31	0.27	0.27
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.33	8.33	0.25	0.25
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0078-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Apr-11	Prop 1B 2008	1	8.37	8.37	0.28	0.28
P-0165-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	22-Apr-11	Prop 1B 2008	0.25	5.40	1.35	0.98	0.25
P-0610-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Apr-11	Prop 1B 2008	0.5	9.96	4.98	0.36	0.18
P-0610-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Apr-11	Prop 1B 2008	0.5	8.02	4.01	0.29	0.14
P-0610-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Apr-11	Prop 1B 2008	0.5	12.43	6.22	0.45	0.22
P-0610-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Apr-11	Prop 1B 2008	0.5	7.51	3.75	0.30	0.15
P-0610-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Apr-11	Prop 1B 2008	0.5	7.88	3.94	0.31	0.16
P-0610-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Apr-11	Prop 1B 2008	0.5	10.04	5.02	0.40	0.20
P-0610-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Apr-11	Prop 1B 2008	0.5	10.61	5.30	0.38	0.19
P-0610-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Apr-11	Prop 1B 2008	0.5	10.43	5.21	0.38	0.19
P-0563-C	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	26-Apr-11	Prop 1B 2008	0.7	6.39	4.47	0.23	0.16
P-0563-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	26-Apr-11	Prop 1B 2008	0.7	8.53	5.97	0.24	0.17
P-0119-A	On-Road Prop 1B	Vehicle Replacement	Commercial Truck	5	28-Apr-11	Prop 1B 2008	0.33	8.38	2.76	0.33	0.11
P-0528-A	On-Road Prop 1B	Vehicle Replacement	Transfer Truck	5	28-Apr-11	Prop 1B 2008	0.98	4.34	4.25	0.60	0.58
P-0235-B	On-Road Prop 1B	Vehicle Replacement	Delivery Vehicle	5	28-Apr-11	Prop 1B 2008	0.2	5.73	1.15	0.29	0.06
P-0437-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	03-May-11	Prop 1B 2008	0.75	10.52	7.89	0.31	0.23
P-0437-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	03-May-11	Prop 1B 2008	0.75	10.19	7.64	0.30	0.23
P-0608-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	05-May-11	Prop 1B 2008	0.5	9.20	4.60	0.26	0.13
P-0314-A	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	11-May-11	Prop 1B 2008	0.5	12.93	6.47	0.39	0.19
P-0117-C	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	16-May-11	Prop 1B 2008	0.75	6.26	4.69	0.23	0.17
P-0117-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	16-May-11	Prop 1B 2008	0.75	6.65	4.99	0.24	0.18
P-0117-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	16-May-11	Prop 1B 2008	0.75	8.93	6.70	0.27	0.20
P-0360-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	18-May-11	Prop 1B 2008	1	8.60	8.60	0.25	0.25
P-0366-B	On-Road Prop 1B	Vehicle Replacement	Delivery Vehicle	5	18-May-11	Prop 1B 2008	0.65	8.69	5.65	0.29	0.19
P-0366-B	On-Road Prop 1B	Vehicle Replacement	Delivery Vehicle	5	18-May-11	Prop 1B 2008	0.65	8.76	5.70	0.29	0.19
P-0080-A	On-Road Prop 1B	Vehicle Replacement	Waste Truck	5	23-May-11	Prop 1B 2008	0.9	8.03	7.23	0.27	0.24
P-0011-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-May-11	Prop 1B 2008	0.8	7.29	5.84	0.30	0.24
P-0040-A	On-Road Prop 1B	Vehicle Replacement	Fuel Transport Truck	5	25-May-11	Prop 1B 2008	1	10.04	10.04	0.33	0.33
P-0306-B	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	25-May-11	Prop 1B 2008	0.45	2.80	1.26	0.51	0.23
P-0541-A	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	25-May-11	Prop 1B 2008	1	3.04	3.04	0.49	0.49
P-0183-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	27-May-11	Prop 1B 2008	0.9	7.70	6.93	0.22	0.20
P-0040-B	On-Road Prop 1B	Vehicle Replacement	Fuel Transport Truck	5	28-May-11	Prop 1B 2008	1	11.81	11.81	0.33	0.33
P-0040-B	On-Road Prop 1B	Vehicle Replacement	Fuel Transport Truck	5	28-May-11	Prop 1B 2008	1	11.81	11.81	0.33	0.33
P-0040-A	On-Road Prop 1B	Vehicle Replacement	Fuel Transport Truck	5	31-May-11	Prop 1B 2008	1	11.95	11.95	0.34	0.34
P-0389-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-May-11	Prop 1B 2008	1	10.25	10.25	0.30	0.30
P-0304-B	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	01-Jun-11	Prop 1B 2008	0.19	7.77	1.48	0.25	0.05
P-0427-B	On-Road Prop 1B	Vehicle Replacement	Dump Truck	5	07-Jun-11	Prop 1B 2008	1	9.21	9.21	0.31	0.31
P-0427-B	On-Road Prop 1B	Vehicle Replacement	Dump Truck	5	07-Jun-11	Prop 1B 2008	1	9.05	9.05	0.29	0.29
P-0462-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	07-Jun-11	Prop 1B 2008	0.85	3.30	2.80	0.45	0.38
P-0462-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	07-Jun-11	Prop 1B 2008	0.85	8.00	6.80	0.26	0.22
P-0462-C	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	08-Jun-11	Prop 1B 2008	0.85	2.79	2.37	0.42	0.36
P-0435-C	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	14-Jun-11	Prop 1B 2008	0.75	9.22	6.92	0.28	0.21

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
P-0435-C	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	14-Jun-11	Prop 1B 2008	0.75	10.08	7.56	0.30	0.22
P-0448-B	On-Road Prop 1B	Vehicle Replacement	Dirt Hauler	5	15-Jun-11	Prop 1B 2008	1	10.26	10.26	0.30	0.30
P-0448-B	On-Road Prop 1B	Vehicle Replacement	Dirt Hauler	5	15-Jun-11	Prop 1B 2008	1	10.26	10.26	0.30	0.30
P-0448-B	On-Road Prop 1B	Vehicle Replacement	Dirt Hauler	5	15-Jun-11	Prop 1B 2008	1	10.30	10.30	0.34	0.34
P-0448-B	On-Road Prop 1B	Vehicle Replacement	Dirt Hauler	5	15-Jun-11	Prop 1B 2008	1	10.16	10.16	0.30	0.30
P-0448-B	On-Road Prop 1B	Vehicle Replacement	Dirt Hauler	5	15-Jun-11	Prop 1B 2008	1	10.16	10.16	0.30	0.30
P-0368-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	16-Jun-11	Prop 1B 2008	0.7	2.37	1.66	0.44	0.31
P-0360-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Jun-11	Prop 1B 2008	1	6.99	6.99	0.20	0.20
P-0438-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Jun-11	Prop 1B 2008	0.75	5.83	4.37	0.29	0.22
P-0438-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Jun-11	Prop 1B 2008	0.75	5.83	4.37	0.29	0.22
P-0438-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Jun-11	Prop 1B 2008	0.75	7.09	5.32	0.24	0.18
P-0438-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Jun-11	Prop 1B 2008	0.75	7.05	5.29	0.23	0.17
P-0552-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Jun-11	Prop 1B 2008	0.85	7.84	6.66	0.23	0.20
P-0552-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Jun-11	Prop 1B 2008	0.97	7.69	7.46	0.25	0.25
P-0552-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Jun-11	Prop 1B 2008	1	7.64	7.64	0.26	0.26
P-0552-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Jun-11	Prop 1B 2008	1	7.34	7.34	0.25	0.25
P-0552-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Jun-11	Prop 1B 2008	1	7.15	7.15	0.24	0.24
P-0435-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	27-Jun-11	Prop 1B 2008	0.4	10.13	4.05	0.30	0.12
P-0435-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	27-Jun-11	Prop 1B 2008	0.4	8.65	3.46	0.26	0.10
P-0435-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	27-Jun-11	Prop 1B 2008	0.4	10.51	4.20	0.31	0.13
P-0435-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	27-Jun-11	Prop 1B 2008	0.4	10.11	4.05	0.31	0.12
P-0272-A	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	30-Jun-11	Prop 1B 2008	1	1.93	1.93	0.40	0.40
P-0272-B	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	30-Jun-11	Prop 1B 2008	0.9	5.60	5.04	0.23	0.21
P-0304-C	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	30-Jun-11	Prop 1B 2008	0.19	7.73	1.47	0.23	0.04
P-0306-A	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	05-Jul-11	Prop 1B 2008	0.45	9.26	4.17	0.34	0.15
P-0105-A	On-Road Prop 1B	Vehicle Replacement	Reefer	5	06-Jul-11	Prop 1B 2008	0.8	6.94	5.55	0.28	0.22
P-0105-A	On-Road Prop 1B	Vehicle Replacement	Reefer	5	06-Jul-11	Prop 1B 2008	0.8	6.96	5.57	0.25	0.20
P-0105-B	On-Road Prop 1B	Vehicle Replacement	Reefer	5	06-Jul-11	Prop 1B 2008	0.8	6.68	5.34	0.23	0.18
P-0105-B	On-Road Prop 1B	Vehicle Replacement	Reefer	5	06-Jul-11	Prop 1B 2008	0.8	6.68	5.34	0.23	0.18
P-0148-A	On-Road Prop 1B	Vehicle Replacement	Construction	5	07-Jul-11	Prop 1B 2008	0.8	10.46	8.37	0.31	0.25
P-0148-A	On-Road Prop 1B	Vehicle Replacement	Construction	5	07-Jul-11	Prop 1B 2008	0.8	10.46	8.37	0.31	0.25
P-0464-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	07-Jul-11	Prop 1B 2008	0.7	12.93	9.05	0.42	0.29
P-0464-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	07-Jul-11	Prop 1B 2008	0.9	9.32	8.39	0.32	0.28
P-0464-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	07-Jul-11	Prop 1B 2008	0.7	8.47	5.93	0.28	0.19
P-0539-B	On-Road Prop 1B	Vehicle Replacement	Delivery Vehicle	5	18-Jul-11	Prop 1B 2008	0.8	8.19	6.55	0.27	0.21
P-0501-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	20-Jul-11	Prop 1B 2008	0.9	6.71	6.04	0.23	0.20
P-0148-A	On-Road Prop 1B	Vehicle Replacement	Construction	5	25-Jul-11	Prop 1B 2008	0.8	10.56	8.45	0.32	0.25
P-0047-C	On-Road Prop 1B	Vehicle Replacement	Hauler	5	26-Jul-11	Prop 1B 2008	1	10.34	10.34	0.31	0.31
P-0193-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	26-Jul-11	Prop 1B 2008	0.6	6.71	4.03	0.22	0.13
P-0457-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	26-Jul-11	Prop 1B 2008	0.8	6.43	5.15	0.32	0.26
P-0457-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	26-Jul-11	Prop 1B 2008	0.8	7.58	6.06	0.25	0.20
P-0438-D	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	29-Jul-11	Prop 1B 2008	0.75	7.05	5.29	0.23	0.17
P-0438-D	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.75	7.05	5.29	0.23	0.17
P-0407-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.8	11.15	8.92	0.34	0.27
P-0407-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.45	8.92	4.01	0.27	0.12
P-0407-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.5	7.70	3.85	0.23	0.11

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
P-0438-D	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.75	7.09	5.32	0.24	0.18
P-0407-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.5	10.38	5.19	0.31	0.16
P-0407-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.15	8.70	1.30	0.26	0.04
P-0407-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.5	10.19	5.10	0.31	0.15
P-0407-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.2	9.91	1.98	0.30	0.06
P-0407-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.2	9.63	1.93	0.28	0.06
P-0407-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.25	7.79	1.95	0.23	0.06
P-0407-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jul-11	Prop 1B 2008	0.35	8.39	2.94	0.25	0.09
P-0576-A	On-Road Prop 1B	Vehicle Replacement	Silage Truck	5	04-Aug-11	Prop 1B 2008	1	3.70	3.70	0.50	0.50
P-0391-A	On-Road Prop 1B	Vehicle Replacement	Agricultural Hauler	5	10-Aug-11	Prop 1B 2008	0.8	6.62	5.29	0.21	0.17
P-0432-A	On-Road Prop 1B	Vehicle Replacement	Hauler	5	18-Aug-11	Prop 1B 2008	0.9	2.55	2.29	0.47	0.42
P-0438-D	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	19-Aug-11	Prop 1B 2008	0.75	7.09	5.32	0.24	0.18
P-0318-B	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	30-Aug-11	Prop 1B 2008	1	7.98	7.98	0.27	0.27
P-0491-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Aug-11	Prop 1B 2008	0.92	8.78	8.08	0.25	0.23
P-0491-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Aug-11	Prop 1B 2008	0.92	9.90	9.11	0.28	0.25
P-0322-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	08-Sep-11	Prop 1B 2008	1	4.35	4.35	0.60	0.60
P-0041-B	On-Road Prop 1B	Vehicle Replacement	Hauler	5	14-Sep-11	Prop 1B 2008	1	11.93	11.93	0.33	0.33
P-0041-B	On-Road Prop 1B	Vehicle Replacement	Hauler	5	14-Sep-11	Prop 1B 2008	1	11.93	11.93	0.33	0.33
P-0041-C	On-Road Prop 1B	Vehicle Replacement	Hauler	5	14-Sep-11	Prop 1B 2008	1	8.23	8.23	0.28	0.28
P-0030-B	On-Road Prop 1B	Vehicle Replacement	Delivery Vehicle	5	20-Sep-11	Prop 1B 2008	1	2.96	2.96	0.41	0.41
P-0031-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	21-Sep-11	Prop 1B 2008	0.8	6.37	5.09	0.77	0.00
P-0248-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	23-Sep-11	Prop 1B 2008	0.5	8.59	4.29	0.27	0.14
P-0521-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	27-Sep-11	Prop 1B 2008	1	7.64	7.64	0.26	0.26
P-0521-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	27-Sep-11	Prop 1B 2008	1	7.88	7.88	0.26	0.26
P-0586-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	29-Sep-11	Prop 1B 2008	0.5	6.53	3.26	0.32	0.16
P-0568-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	29-Sep-11	Prop 1B 2008	1	7.68	7.68	0.25	0.25
P-0568-D	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	1	5.71	5.71	0.28	0.28
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	7.84	7.45	0.24	0.23
P-0568-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	8.29	7.88	0.25	0.24
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.9	10.17	9.15	0.30	0.27
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	10.94	10.39	0.33	0.31
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	9.14	8.68	0.27	0.25
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	9.23	8.76	0.27	0.26
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	10.11	9.61	0.31	0.29
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	1	11.41	11.41	0.39	0.39
P-0568-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	7.58	7.21	0.22	0.21
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	9.43	8.96	0.32	0.30
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	9.00	8.55	0.45	0.43
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	8.76	8.33	0.43	0.41
P-0568-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	30-Sep-11	Prop 1B 2008	0.95	10.19	9.69	0.33	0.32
P-0521-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	03-Oct-11	Prop 1B 2008	0.95	8.68	8.25	0.26	0.25
P-0521-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	03-Oct-11	Prop 1B 2008	0.7	9.16	6.41	0.31	0.21
P-0521-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	03-Oct-11	Prop 1B 2008	1	3.69	3.69	0.50	0.50
P-0099-A	On-Road Prop 1B	Vehicle Replacement	Transfer Truck	5	07-Oct-11	Prop 1B 2008	0.5	7.10	3.55	0.23	0.12
P-0148-A	On-Road Prop 1B	Vehicle Replacement	Construction	5	13-Oct-11	Prop 1B 2008	0.8	10.56	8.45	0.32	0.25
P-0148-A	On-Road Prop 1B	Vehicle Replacement	Construction	5	13-Oct-11	Prop 1B 2008	0.8	10.56	8.45	0.32	0.25



Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
P-0092-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	13-Oct-11	Prop 1B 2008	1	5.13	5.13	0.21	0.21
P-0521-C	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	14-Oct-11	Prop 1B 2008	0.4	7.16	2.86	0.24	0.10
P-0441-B	On-Road Prop 1B	Vehicle Replacement	Produce Delivery	5	20-Oct-11	Prop 1B 2008	0.71	6.78	4.81	0.23	0.16
P-0562-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	20-Oct-11	Prop 1B 2008	0.5	5.98	2.99	0.20	0.10
P-0330-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Oct-11	Prop 1B 2008	1	3.77	3.77	0.51	0.51
P-0368-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Oct-11	Prop 1B 2008	0.7	9.52	6.66	0.32	0.23
P-0368-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	24-Oct-11	Prop 1B 2008	0.7	9.52	6.66	0.32	0.23
P-0436-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	27-Oct-11	Prop 1B 2008	1	2.82	2.82	0.40	0.40
P-0037-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	27-Oct-11	Prop 1B 2008	0.6	5.57	3.34	0.28	0.17
P-0462-D	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	30-Oct-11	Prop 1B 2008	0.85	6.36	5.40	0.18	0.15
P-0462-D	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	30-Oct-11	Prop 1B 2008	0.85	7.43	6.31	0.21	0.18
P-0364-A	On-Road Prop 1B	Vehicle Replacement	Agricultural Hauler	5	31-Oct-11	Prop 1B 2008	1	8.64	8.64	0.44	0.44
P-0364-A	On-Road Prop 1B	Vehicle Replacement	Agricultural Hauler	5	31-Oct-11	Prop 1B 2008	1	6.42	6.42	0.89	0.89
P-0031-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Oct-11	Prop 1B 2008	1	5.31	5.31	0.81	0.00
P-0368-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Oct-11	Prop 1B 2008	0.7	9.52	6.66	0.32	0.23
P-0581-B	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	15-Nov-11	Prop 1B 2008	1	1.04	1.04	0.42	0.42
P-0346-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	21-Nov-11	Prop 1B 2008	1	8.16	8.16	0.29	0.29
P-0541-E	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	21-Dec-11	Prop 1B 2008	1	4.63	4.63	0.19	0.19
P-0541-E	On-Road Prop 1B	Vehicle Replacement	Other-Heavy Duty	5	21-Dec-11	Prop 1B 2008	1	4.92	4.92	0.20	0.20
P-0117-D	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	09-Jan-12	Prop 1B 2008	0.75	7.68	5.76	0.23	0.17
P-0117-D	On-Road Prop 1B	Vehicle Replacement	Bulk Carrier	5	09-Jan-12	Prop 1B 2008	0.75	7.77	5.83	0.23	0.17
P-0385-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Aug-12	Prop 1B 2008	0.8	5.29	4.23	0.32	0.26
P-0084-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	8	20-Apr-10	Prop 1B 2008	1	5.52	5.52	1.41	0.00
C-14625-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	01-Nov-11	Prop 1B 2010	0.3	12.76	3.83	0.31	0.09
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	01-Nov-11	Prop 1B 2010	0.85	8.09	6.87	0.27	0.23
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	19-Nov-11	Prop 1B 2010	0.85	7.85	6.67	0.27	0.23
C-14834-D	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Feb-12	Prop 1B 2010	0.5	5.58	2.79	0.19	0.10
C-14440-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	07-Mar-12	Prop 1B 2010	0.99	6.49	6.43	0.16	0.16
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	31-Mar-12	Prop 1B 2010	0.6	13.84	8.31	0.34	0.20
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	31-Mar-12	Prop 1B 2010	0.6	14.81	8.89	0.36	0.22
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	31-Mar-12	Prop 1B 2010	0.6	14.86	8.92	0.36	0.22
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	31-Mar-12	Prop 1B 2010	0.6	9.44	5.67	0.31	0.19
C-14135-A	On-Road Prop 1B	Vehicle Replacement	Other	5	03-Apr-12	Prop 1B 2010	1	14.33	14.33	1.44	1.44
C-14135-A	On-Road Prop 1B	Vehicle Replacement	Other	5	03-Apr-12	Prop 1B 2010	1	3.66	3.66	0.37	0.37
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	09-Apr-12	Prop 1B 2010	0.6	10.40	6.24	0.25	0.15
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	09-Apr-12	Prop 1B 2010	0.6	13.76	8.26	0.33	0.20
C-13761-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	23-Apr-12	Prop 1B 2010	0.8	14.03	11.23	0.34	0.27
C-13856-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	23-Apr-12	Prop 1B 2010	0.5	7.30	3.65	0.32	0.16
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	24-Apr-12	Prop 1B 2010	0.6	13.17	7.90	0.44	0.26
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	24-Apr-12	Prop 1B 2010	0.6	11.92	7.15	0.29	0.17
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	24-Apr-12	Prop 1B 2010	0.6	15.46	9.28	0.37	0.22
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	24-Apr-12	Prop 1B 2010	0.6	14.40	8.64	0.35	0.21
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	24-Apr-12	Prop 1B 2010	0.6	15.36	9.22	0.37	0.22
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	24-Apr-12	Prop 1B 2010	0.6	8.46	5.08	0.57	0.34
C-14120-A	On-Road Prop 1B	Vehicle Replacement	Other	5	01-May-12	Prop 1B 2010	0.2	7.65	1.53	0.52	0.10
C-14120-A	On-Road Prop 1B	Vehicle Replacement	Other	5	01-May-12	Prop 1B 2010	0.2	8.93	1.79	0.22	0.04

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14120-A	On-Road Prop 1B	Vehicle Replacement	Other	5	01-May-12	Prop 1B 2010	0.6	10.91	6.54	0.26	0.16
C-14120-A	On-Road Prop 1B	Vehicle Replacement	Other	5	01-May-12	Prop 1B 2010	0.6	13.45	8.07	0.33	0.20
C-13729-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	02-May-12	Prop 1B 2010	0.9	8.81	7.93	0.29	0.26
C-13729-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	02-May-12	Prop 1B 2010	0.9	8.56	7.71	0.21	0.19
C-13693-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	07-May-12	Prop 1B 2010	0.6	8.14	4.89	0.20	0.12
C-13693-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	07-May-12	Prop 1B 2010	0.6	8.83	5.30	0.21	0.13
C-14834-D	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	21-May-12	Prop 1B 2010	0.5	8.72	4.36	0.30	0.15
C-14834-D	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	21-May-12	Prop 1B 2010	0.5	12.17	6.08	0.29	0.15
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	21-May-12	Prop 1B 2010	0.6	10.77	6.46	0.26	0.16
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	21-May-12	Prop 1B 2010	0.6	12.86	7.71	0.31	0.19
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.3	6.61	1.98	0.23	0.07
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.3	6.84	2.05	0.24	0.07
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.25	6.80	1.70	0.23	0.06
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.6	6.62	3.97	0.22	0.13
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.5	8.09	4.05	0.20	0.10
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.35	9.07	3.17	0.22	0.08
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.4	7.87	3.15	0.19	0.08
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.4	7.48	2.99	0.18	0.07
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.5	8.67	4.34	0.21	0.11
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.45	8.24	3.71	0.20	0.09
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.5	8.75	4.38	0.21	0.11
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.5	8.45	4.22	0.20	0.10
C-14685-A	On-Road Prop 1B	Vehicle Replacement	Other	5	23-May-12	Prop 1B 2010	0.4	8.08	3.23	0.20	0.08
C-13684-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	29-May-12	Prop 1B 2010	0.8	11.47	9.18	0.28	0.22
C-13684-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	29-May-12	Prop 1B 2010	0.8	8.22	6.57	0.20	0.16
C-13684-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	29-May-12	Prop 1B 2010	0.8	7.98	6.39	0.19	0.16
C-13684-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	29-May-12	Prop 1B 2010	0.8	8.47	6.78	0.21	0.16
C-13684-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	29-May-12	Prop 1B 2010	0.8	9.18	7.34	0.22	0.18
C-13816-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-May-12	Prop 1B 2010	0.8	9.56	7.65	0.23	0.19
C-13654-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	31-May-12	Prop 1B 2010	1	9.26	9.26	0.23	0.23
C-14716-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	31-May-12	Prop 1B 2010	0.5	14.67	7.33	0.35	0.18
C-14829-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	31-May-12	Prop 1B 2010	1	4.68	4.68	0.48	0.48
C-14829-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	31-May-12	Prop 1B 2010	1	3.27	3.27	0.34	0.34
C-14224-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.5	5.49	2.75	0.24	0.12
C-14829-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	31-May-12	Prop 1B 2010	1	3.82	3.82	0.39	0.39
C-12328-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.8	4.09	3.28	0.19	0.15
C-14224-B	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.5	4.16	2.08	0.18	0.09
C-14224-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.5	7.73	3.87	0.34	0.17
C-14829-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	31-May-12	Prop 1B 2010	1	4.37	4.37	0.45	0.45
C-12328-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.8	8.51	6.81	0.25	0.20
C-14224-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.5	5.74	2.87	0.25	0.13
C-12328-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.8	6.28	5.02	0.18	0.15
C-14224-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.55	7.52	4.14	0.34	0.19
C-14829-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	31-May-12	Prop 1B 2010	1	5.40	5.40	0.56	0.56
C-14224-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.5	5.82	2.91	0.26	0.13
C-12328-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.8	7.76	6.21	0.23	0.18

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-12328-A	On-Road Prop 1B	Vehicle Replacement	Other	5	31-May-12	Prop 1B 2010	0.8	3.46	2.77	0.15	0.12
C-14564-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	04-Jun-12	Prop 1B 2010	0.8	14.34	11.47	0.35	0.28
C-14564-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	04-Jun-12	Prop 1B 2010	0.8	14.83	11.87	0.36	0.29
C-14564-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	04-Jun-12	Prop 1B 2010	0.8	11.87	9.49	0.40	0.32
C-14564-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	04-Jun-12	Prop 1B 2010	0.8	10.65	8.52	0.36	0.28
C-14564-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	04-Jun-12	Prop 1B 2010	0.8	14.83	11.87	0.36	0.29
C-14564-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	04-Jun-12	Prop 1B 2010	0.8	10.60	8.48	0.35	0.28
C-14632-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	05-Jun-12	Prop 1B 2010	0.7	8.77	6.14	0.29	0.20
C-14527-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	06-Jun-12	Prop 1B 2010	0.9	11.54	10.39	0.28	0.25
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.3	10.00	3.00	0.34	0.10
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.3	8.50	2.55	0.29	0.09
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.35	8.93	3.12	0.31	0.11
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.35	8.71	3.05	0.29	0.10
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.35	10.74	3.76	0.26	0.09
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.35	8.90	3.11	0.30	0.10
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.35	9.23	3.23	0.31	0.11
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.35	9.06	3.17	0.30	0.11
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.4	10.42	4.17	0.35	0.14
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	11.56	5.20	0.28	0.13
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	12.42	5.59	0.30	0.14
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	12.64	5.69	0.31	0.14
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	14.70	6.62	0.36	0.16
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	12.56	5.65	0.31	0.14
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	13.26	5.97	0.32	0.15
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	12.38	5.57	0.30	0.14
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	12.93	5.82	0.32	0.14
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	13.04	5.87	0.32	0.14
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	12.87	5.79	0.31	0.14
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	14.28	6.43	0.35	0.16
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	14.51	6.53	0.35	0.16
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	14.81	6.66	0.36	0.16
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	14.39	6.48	0.35	0.16
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	15.07	6.78	0.37	0.17
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	12.24	5.51	0.30	0.13
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	13.45	6.05	0.33	0.15
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	11.25	5.06	0.27	0.12
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-12	Prop 1B 2010	0.45	12.84	5.78	0.31	0.14
C-14364-A	On-Road Prop 1B	Vehicle Replacement	Other	5	08-Jun-12	Prop 1B 2010	0.99	9.88	9.78	0.24	0.24
C-14364-A	On-Road Prop 1B	Vehicle Replacement	Other	5	08-Jun-12	Prop 1B 2010	0.99	6.97	6.90	0.24	0.24
C-14364-A	On-Road Prop 1B	Vehicle Replacement	Other	5	08-Jun-12	Prop 1B 2010	0.99	6.97	6.90	0.24	0.24
C-13693-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	18-Jun-12	Prop 1B 2010	0.6	7.49	4.49	0.18	0.11
C-14722-A	On-Road Prop 1B	Vehicle Replacement	Dump Truck	5	19-Jun-12	Prop 1B 2010	1	3.85	3.85	0.39	0.39
C-13728-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	21-Jun-12	Prop 1B 2010	0.7	8.27	5.79	0.83	0.58
C-14451-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Jun-12	Prop 1B 2010	1	6.28	6.28	0.21	0.21
C-14367-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	22-Jun-12	Prop 1B 2010	1	7.85	7.85	0.81	0.81
C-14929-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	25-Jun-12	Prop 1B 2010	1	7.55	7.55	0.18	0.18

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14929-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	25-Jun-12	Prop 1B 2010	1	5.57	5.57	0.21	0.21
C-14929-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	25-Jun-12	Prop 1B 2010	1	8.26	8.26	0.29	0.29
C-14668-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Jun-12	Prop 1B 2010	0.9	7.99	7.19	0.22	0.20
C-19998-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Jun-12	Prop 1B 2010	0.9	6.72	6.05	0.22	0.20
C-14875-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Jun-12	Prop 1B 2010	0.85	5.82	4.94	0.39	0.33
C-19998-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Jun-12	Prop 1B 2010	0.9	7.66	6.89	0.44	0.40
C-14668-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Jun-12	Prop 1B 2010	0.9	7.75	6.97	0.22	0.20
C-14875-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Jun-12	Prop 1B 2010	0.88	6.30	5.54	0.42	0.37
C-14875-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Jun-12	Prop 1B 2010	0.85	6.54	5.56	0.44	0.37
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	27-Jun-12	Prop 1B 2010	0.6	12.64	7.58	0.31	0.18
C-13693-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	28-Jun-12	Prop 1B 2010	0.6	8.53	5.12	0.30	0.18
C-14431-A	On-Road Prop 1B	Vehicle Replacement	Heavy Equipment or Metals	5	30-Jun-12	Prop 1B 2010	0.65	7.05	4.58	0.24	0.16
C-14431-A	On-Road Prop 1B	Vehicle Replacement	Heavy Equipment or Metals	5	30-Jun-12	Prop 1B 2010	0.65	7.12	4.63	0.24	0.15
C-14778-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	01-Jul-12	Prop 1B 2010	1	3.68	3.68	0.38	0.38
C-14778-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	01-Jul-12	Prop 1B 2010	1	2.73	2.73	0.28	0.28
C-14641-B	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	05-Jul-12	Prop 1B 2010	0.6	4.35	2.61	0.18	0.11
C-14857-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	05-Jul-12	Prop 1B 2010	0.7	3.55	2.48	0.33	0.23
C-14857-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	05-Jul-12	Prop 1B 2010	0.7	3.66	2.56	0.34	0.24
C-14857-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	05-Jul-12	Prop 1B 2010	0.7	3.42	2.39	0.32	0.23
C-14829-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	12-Jul-12	Prop 1B 2010	1	4.31	4.31	0.45	0.45
C-14829-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	12-Jul-12	Prop 1B 2010	1	4.22	4.22	0.44	0.44
C-14829-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	12-Jul-12	Prop 1B 2010	1	4.35	4.35	0.45	0.45
C-14829-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	12-Jul-12	Prop 1B 2010	1	4.42	4.42	0.46	0.46
C-14759-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	13-Jul-12	Prop 1B 2010	1	3.86	3.86	0.39	0.39
C-20000-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Jul-12	Prop 1B 2010	0.85	9.25	7.86	0.31	0.27
C-20000-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Jul-12	Prop 1B 2010	0.87	8.60	7.48	0.29	0.25
C-20000-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Jul-12	Prop 1B 2010	0.88	8.33	7.33	0.29	0.25
C-20000-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Jul-12	Prop 1B 2010	0.9	9.05	8.14	0.31	0.28
C-20000-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Jul-12	Prop 1B 2010	0.84	9.22	7.74	0.94	0.79
C-13774-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Jul-12	Prop 1B 2010	0.5	9.38	4.69	0.01	0.01
C-14280-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	17-Jul-12	Prop 1B 2010	1	11.80	11.80	0.29	0.29
C-14693-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	17-Jul-12	Prop 1B 2010	1	10.81	10.81	0.37	0.37
C-14308-A	On-Road Prop 1B	Vehicle Replacement	Other	5	18-Jul-12	Prop 1B 2010	0.8	11.14	8.91	0.27	0.22
C-13551-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	18-Jul-12	Prop 1B 2010	0.7	4.59	3.21	0.20	0.14
C-13551-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	18-Jul-12	Prop 1B 2010	0.8	4.30	3.44	0.19	0.15
C-14308-A	On-Road Prop 1B	Vehicle Replacement	Other	5	18-Jul-12	Prop 1B 2010	0.8	6.76	5.41	0.23	0.18
C-14308-A	On-Road Prop 1B	Vehicle Replacement	Other	5	18-Jul-12	Prop 1B 2010	0.8	12.32	9.85	0.30	0.24
C-14031-A	On-Road Prop 1B	Vehicle Replacement	Other	5	19-Jul-12	Prop 1B 2010	1	13.56	13.56	0.35	0.35
C-13740-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Jul-12	Prop 1B 2010	0.95	8.53	8.11	0.85	0.81
C-14443-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Jul-12	Prop 1B 2010	0.58	4.44	2.58	0.15	0.09
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	23-Jul-12	Prop 1B 2010	0.6	10.53	6.32	0.26	0.15
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	23-Jul-12	Prop 1B 2010	0.6	17.77	10.66	0.43	0.26
C-14031-A	On-Road Prop 1B	Vehicle Replacement	Other	5	27-Jul-12	Prop 1B 2010	0.99	10.88	10.77	0.28	0.28
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	27-Jul-12	Prop 1B 2010	0.6	12.42	7.45	0.30	0.18
C-14648-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Jul-12	Prop 1B 2010	0.9	6.79	6.11	0.01	0.01
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	31-Jul-12	Prop 1B 2010	0.75	5.81	4.35	0.17	0.13

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	31-Jul-12	Prop 1B 2010	0.65	9.99	6.49	0.29	0.19
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	31-Jul-12	Prop 1B 2010	0.7	8.24	5.77	0.24	0.17
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	31-Jul-12	Prop 1B 2010	0.4	6.48	2.59	0.29	0.12
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	01-Aug-12	Prop 1B 2010	0.6	12.19	7.31	0.30	0.18
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	01-Aug-12	Prop 1B 2010	0.6	11.98	7.19	0.29	0.17
C-13684-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	06-Aug-12	Prop 1B 2010	0.8	6.81	5.45	0.17	0.13
C-14739-A	On-Road Prop 1B	Vehicle Replacement	Other	5	07-Aug-12	Prop 1B 2010	0.25	8.84	2.21	0.30	0.07
C-14857-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Aug-12	Prop 1B 2010	0.7	3.03	2.12	0.29	0.20
C-14857-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	08-Aug-12	Prop 1B 2010	0.7	2.88	2.02	0.27	0.19
C-14690-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	09-Aug-12	Prop 1B 2010	1	4.39	4.39	0.19	0.19
C-14909-A	On-Road Prop 1B	Vehicle Replacement	Other	5	10-Aug-12	Prop 1B 2010	0.9	12.74	11.47	0.31	0.28
C-13702-A	On-Road Prop 1B	Vehicle Replacement	Other	5	13-Aug-12	Prop 1B 2010	1	5.31	5.31	0.18	0.18
C-14890-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	14-Aug-12	Prop 1B 2010	1	5.06	5.06	0.71	0.71
C-14890-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	14-Aug-12	Prop 1B 2010	1	5.55	5.55	0.75	0.75
C-14890-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	14-Aug-12	Prop 1B 2010	1	5.62	5.62	0.25	0.25
C-14890-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	14-Aug-12	Prop 1B 2010	1	6.21	6.21	0.28	0.28
C-14890-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	14-Aug-12	Prop 1B 2010	1	4.27	4.27	0.19	0.19
C-14890-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	14-Aug-12	Prop 1B 2010	1	4.53	4.53	0.61	0.61
C-14890-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	14-Aug-12	Prop 1B 2010	1	5.48	5.48	0.74	0.74
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Aug-12	Prop 1B 2010	0.95	2.54	2.42	0.24	0.23
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Aug-12	Prop 1B 2010	0.95	3.28	3.11	0.31	0.29
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Aug-12	Prop 1B 2010	0.95	3.56	3.38	0.34	0.32
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Aug-12	Prop 1B 2010	0.95	3.99	3.79	0.38	0.36
C-14367-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	17-Aug-12	Prop 1B 2010	1	2.77	2.77	0.29	0.29
C-14103-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Aug-12	Prop 1B 2010	0.7	4.18	2.92	0.12	0.09
C-12982-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	22-Aug-12	Prop 1B 2010	0.65	9.69	6.30	0.32	0.21
C-14733-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	22-Aug-12	Prop 1B 2010	0.85	5.96	5.06	0.20	0.17
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	22-Aug-12	Prop 1B 2010	0.6	11.38	6.83	0.28	0.17
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	22-Aug-12	Prop 1B 2010	0.69	7.70	5.31	0.19	0.13
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	22-Aug-12	Prop 1B 2010	0.47	6.06	2.85	0.15	0.07
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	22-Aug-12	Prop 1B 2010	0.42	9.85	4.14	0.24	0.10
C-14314-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	24-Aug-12	Prop 1B 2010	1	8.44	8.44	0.20	0.20
C-14043-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	24-Aug-12	Prop 1B 2010	0.4	5.57	2.23	0.14	0.05
C-14043-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	24-Aug-12	Prop 1B 2010	0.4	6.96	2.78	0.17	0.07
C-14043-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	24-Aug-12	Prop 1B 2010	0.4	4.93	1.97	0.12	0.05
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	24-Aug-12	Prop 1B 2010	0.95	4.07	3.86	0.14	0.13
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	2.90	2.75	0.27	0.26
C-14786-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	3.93	3.73	0.06	0.06
C-14314-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	1	5.73	5.73	0.14	0.14
C-14786-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	7.64	7.26	0.11	0.11
C-14314-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	1	7.37	7.37	0.18	0.18
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	3.36	3.19	0.32	0.30
C-14314-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.9	8.33	7.50	0.20	0.18
C-14314-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.6	8.97	5.38	0.22	0.13
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	3.10	2.95	0.29	0.28
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	2.90	2.75	0.27	0.26

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	2.85	2.71	0.27	0.26
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	3.64	3.46	0.34	0.33
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	3.32	3.15	0.31	0.30
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	6.11	5.81	0.18	0.17
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	4.69	4.45	0.44	0.42
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	4.52	4.29	0.43	0.40
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	27-Aug-12	Prop 1B 2010	0.95	4.95	4.71	0.47	0.44
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	3.66	3.48	0.21	0.20
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	27-Aug-12	Prop 1B 2010	0.95	4.38	4.16	0.44	0.42
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	5.63	5.35	0.56	0.53
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Aug-12	Prop 1B 2010	0.95	4.94	4.69	0.49	0.47
C-13503-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Aug-12	Prop 1B 2010	0.43	11.17	4.80	0.27	0.12
C-13503-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Aug-12	Prop 1B 2010	0.39	10.37	4.04	0.25	0.10
C-13503-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Aug-12	Prop 1B 2010	0.5	7.63	3.81	0.28	0.14
C-13503-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Aug-12	Prop 1B 2010	0.6	6.23	3.74	0.21	0.13
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	29-Aug-12	Prop 1B 2010	0.77	6.19	4.77	0.15	0.12
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	29-Aug-12	Prop 1B 2010	0.66	6.43	4.24	0.16	0.10
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	29-Aug-12	Prop 1B 2010	0.65	9.98	6.49	0.24	0.16
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	29-Aug-12	Prop 1B 2010	0.65	9.17	5.96	0.22	0.15
C-13820-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	29-Aug-12	Prop 1B 2010	0.6	9.29	5.57	0.22	0.13
C-13820-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	29-Aug-12	Prop 1B 2010	0.6	5.03	3.02	0.17	0.10
C-13820-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	29-Aug-12	Prop 1B 2010	0.6	8.30	4.98	0.20	0.12
C-13820-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	29-Aug-12	Prop 1B 2010	0.6	5.63	3.38	0.19	0.11
C-14859-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Aug-12	Prop 1B 2010	1	5.81	5.81	0.19	0.19
C-13693-B	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	30-Aug-12	Prop 1B 2010	0.6	7.56	4.53	0.18	0.11
C-14859-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Aug-12	Prop 1B 2010	1	5.49	5.49	0.18	0.18
C-14767-A	On-Road Prop 1B	Vehicle Replacement	Other	5	30-Aug-12	Prop 1B 2010	0.75	8.71	6.53	0.21	0.16
C-14859-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Aug-12	Prop 1B 2010	1	5.12	5.12	0.17	0.17
C-14733-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	30-Aug-12	Prop 1B 2010	0.85	5.91	5.02	0.20	0.17
C-14767-A	On-Road Prop 1B	Vehicle Replacement	Other	5	30-Aug-12	Prop 1B 2010	0.6	9.12	5.47	0.22	0.13
C-14859-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Aug-12	Prop 1B 2010	1	5.46	5.46	0.18	0.18
C-14859-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Aug-12	Prop 1B 2010	1	5.32	5.32	0.18	0.18
C-14859-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Aug-12	Prop 1B 2010	1	5.67	5.67	0.19	0.19
C-14859-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Aug-12	Prop 1B 2010	1	5.59	5.59	0.18	0.18
C-14859-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Aug-12	Prop 1B 2010	1	5.07	5.07	0.17	0.17
C-14859-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Aug-12	Prop 1B 2010	1	5.53	5.53	0.18	0.18
C-14543-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	01-Sep-12	Prop 1B 2010	0.8	9.87	7.90	0.34	0.27
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	8.93	6.70	0.22	0.16
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	8.06	6.05	0.20	0.15
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	8.74	6.56	0.21	0.16
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	10.23	7.67	0.25	0.19
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	12.45	9.33	0.30	0.23
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	12.62	9.47	0.31	0.23
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	10.06	7.55	0.24	0.18
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	9.94	7.45	0.24	0.18
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	10.16	7.62	0.25	0.19

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	9.19	6.89	0.22	0.17
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	1	7.23	7.23	0.18	0.18
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	11.18	8.39	0.27	0.20
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	9.28	6.96	0.23	0.17
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	11.77	8.83	0.29	0.21
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	11.72	8.79	0.28	0.21
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.75	9.86	7.39	0.24	0.18
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	1	7.13	7.13	0.17	0.17
C-14488-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Sep-12	Prop 1B 2010	0.6	10.33	6.20	0.25	0.15
C-14774-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	06-Sep-12	Prop 1B 2010	1	7.16	7.16	0.21	0.21
C-13713-A	On-Road Prop 1B	Vehicle Replacement	Other	5	07-Sep-12	Prop 1B 2010	0.35	5.97	2.09	0.15	0.05
C-14836-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	07-Sep-12	Prop 1B 2010	0.7	5.59	3.91	0.19	0.13
C-13713-A	On-Road Prop 1B	Vehicle Replacement	Other	5	07-Sep-12	Prop 1B 2010	0.35	9.16	3.21	0.01	0.00
C-14836-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	07-Sep-12	Prop 1B 2010	0.85	7.31	6.22	0.18	0.15
C-13713-A	On-Road Prop 1B	Vehicle Replacement	Other	5	07-Sep-12	Prop 1B 2010	0.35	5.27	1.85	0.13	0.04
C-14836-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	07-Sep-12	Prop 1B 2010	0.85	8.64	7.34	0.21	0.18
C-13713-A	On-Road Prop 1B	Vehicle Replacement	Other	5	07-Sep-12	Prop 1B 2010	0.35	7.47	2.61	0.18	0.06
C-12984-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	10-Sep-12	Prop 1B 2010	1	5.44	5.44	0.60	0.60
C-14843-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	10-Sep-12	Prop 1B 2010	0.95	3.20	3.04	0.21	0.20
C-13939-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	10-Sep-12	Prop 1B 2010	1	6.12	6.12	0.23	0.23
C-14400-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	11-Sep-12	Prop 1B 2010	0.98	15.58	15.27	0.38	0.37
C-14400-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	11-Sep-12	Prop 1B 2010	0.97	11.73	11.38	0.39	0.38
C-14897-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	11-Sep-12	Prop 1B 2010	0.8	5.76	4.61	0.14	0.11
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	11-Sep-12	Prop 1B 2010	0.6	16.76	10.06	0.41	0.25
C-14089-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	11-Sep-12	Prop 1B 2010	0.3	5.37	1.61	0.16	0.05
C-14897-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	11-Sep-12	Prop 1B 2010	0.8	4.67	3.74	0.16	0.13
C-14897-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	11-Sep-12	Prop 1B 2010	0.8	10.09	8.07	0.42	0.33
C-14249-A	On-Road Prop 1B	Vehicle Replacement	Other	5	11-Sep-12	Prop 1B 2010	0.5	8.95	4.47	0.30	0.15
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	11-Sep-12	Prop 1B 2010	0.85	9.59	8.15	0.35	0.30
C-14249-A	On-Road Prop 1B	Vehicle Replacement	Other	5	11-Sep-12	Prop 1B 2010	1	6.69	6.69	0.22	0.22
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	11-Sep-12	Prop 1B 2010	0.85	6.43	5.47	0.26	0.22
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	11-Sep-12	Prop 1B 2010	0.85	6.79	5.77	0.23	0.20
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	11-Sep-12	Prop 1B 2010	0.85	10.05	8.54	0.34	0.29
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	11-Sep-12	Prop 1B 2010	0.85	8.05	6.84	0.27	0.23
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	11-Sep-12	Prop 1B 2010	0.85	6.20	5.27	0.26	0.22
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	11-Sep-12	Prop 1B 2010	0.85	9.04	7.68	0.31	0.27
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	12-Sep-12	Prop 1B 2010	0.8	16.03	12.82	0.39	0.31
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	12-Sep-12	Prop 1B 2010	0.75	4.86	3.64	0.14	0.11
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	12-Sep-12	Prop 1B 2010	0.8	6.97	5.58	0.20	0.16
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	12-Sep-12	Prop 1B 2010	0.7	8.85	6.19	0.31	0.21
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	12-Sep-12	Prop 1B 2010	0.7	5.08	3.55	0.18	0.12
C-13804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	12-Sep-12	Prop 1B 2010	0.8	5.08	4.07	0.18	0.14
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	12-Sep-12	Prop 1B 2010	0.85	10.73	9.12	0.26	0.22
C-13791-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	13-Sep-12	Prop 1B 2010	0.95	7.72	7.34	0.77	0.73
C-14091-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Sep-12	Prop 1B 2010	0.7	8.83	6.18	0.21	0.15
C-13791-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	13-Sep-12	Prop 1B 2010	0.97	7.34	7.12	0.01	0.01

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14091-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Sep-12	Prop 1B 2010	0.7	10.13	7.09	0.25	0.17
C-13791-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	13-Sep-12	Prop 1B 2010	1	5.09	5.09	0.17	0.17
C-14091-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Sep-12	Prop 1B 2010	0.7	14.02	9.81	0.34	0.24
C-13791-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	13-Sep-12	Prop 1B 2010	0.9	8.65	7.78	0.21	0.19
C-14091-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Sep-12	Prop 1B 2010	0.7	10.05	7.03	0.24	0.17
C-13791-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	13-Sep-12	Prop 1B 2010	1	5.21	5.21	0.18	0.18
C-14091-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Sep-12	Prop 1B 2010	0.7	8.98	6.28	0.22	0.15
C-14091-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Sep-12	Prop 1B 2010	0.7	8.23	5.76	0.20	0.14
C-14091-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Sep-12	Prop 1B 2010	0.7	12.36	8.65	0.30	0.21
C-14091-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Sep-12	Prop 1B 2010	0.7	17.16	12.01	0.42	0.29
C-14356-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Sep-12	Prop 1B 2010	0.98	10.93	10.71	0.26	0.26
C-14356-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Sep-12	Prop 1B 2010	0.98	7.13	6.98	0.17	0.17
C-14356-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Sep-12	Prop 1B 2010	0.98	4.47	4.38	0.13	0.13
C-14356-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Sep-12	Prop 1B 2010	0.98	5.34	5.24	0.16	0.15
C-14356-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Sep-12	Prop 1B 2010	0.98	4.05	3.97	0.12	0.12
C-14356-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Sep-12	Prop 1B 2010	0.98	7.20	7.06	0.21	0.20
C-14356-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Sep-12	Prop 1B 2010	0.98	5.71	5.60	0.14	0.13
C-14356-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Sep-12	Prop 1B 2010	0.98	7.84	7.69	0.19	0.18
C-14405-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	17-Sep-12	Prop 1B 2010	0.35	4.52	1.58	0.13	0.04
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	17-Sep-12	Prop 1B 2010	0.68	5.11	3.48	0.14	0.10
C-14047-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	18-Sep-12	Prop 1B 2010	0.75	7.97	5.98	0.27	0.20
C-13939-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	18-Sep-12	Prop 1B 2010	1	6.27	6.27	0.15	0.15
C-14264-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Sep-12	Prop 1B 2010	0.5	9.58	4.79	0.23	0.12
C-14872-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Sep-12	Prop 1B 2010	1	4.13	4.13	0.14	0.14
C-14872-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Sep-12	Prop 1B 2010	1	4.28	4.28	0.14	0.14
C-14301-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	21-Sep-12	Prop 1B 2010	0.9	6.00	5.40	0.21	0.19
C-14312-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Sep-12	Prop 1B 2010	0.9	8.89	8.00	0.30	0.27
C-14371-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Sep-12	Prop 1B 2010	0.95	8.69	8.26	0.02	0.02
C-13001-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	21-Sep-12	Prop 1B 2010	0.25	9.71	2.43	0.25	0.06
C-14371-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Sep-12	Prop 1B 2010	0.95	8.23	7.82	0.01	0.01
C-14895-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.9	2.91	2.62	0.27	0.25
C-14895-B	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.9	3.77	3.39	0.36	0.32
C-14895-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.9	4.17	3.75	0.39	0.35
C-14895-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.9	3.82	3.43	0.36	0.32
C-14895-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.9	4.42	3.98	0.42	0.38
C-14895-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.85	3.95	3.36	0.37	0.32
C-12328-B	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.8	3.12	2.50	0.14	0.11
C-14895-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.87	3.68	3.20	0.35	0.30
C-14895-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.9	3.70	3.33	0.21	0.19
C-14895-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Sep-12	Prop 1B 2010	0.9	5.18	4.66	0.17	0.15
C-14380-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	24-Sep-12	Prop 1B 2010	0.5	5.50	2.75	0.13	0.07
C-13939-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	24-Sep-12	Prop 1B 2010	1	9.19	9.19	0.22	0.22
C-14763-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	24-Sep-12	Prop 1B 2010	0.1	5.50	0.55	0.37	0.04
C-14763-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	24-Sep-12	Prop 1B 2010	0.1	4.30	0.43	0.29	0.03
C-14763-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	24-Sep-12	Prop 1B 2010	0.1	11.58	1.16	0.28	0.03
C-14763-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	24-Sep-12	Prop 1B 2010	0.9	13.53	12.18	0.33	0.30



Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14763-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	24-Sep-12	Prop 1B 2010	0.1	9.45	0.95	0.23	0.02
C-14763-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	24-Sep-12	Prop 1B 2010	0.5	5.21	2.61	0.18	0.09
C-14763-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	24-Sep-12	Prop 1B 2010	0.5	7.93	3.97	0.19	0.10
C-14763-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	24-Sep-12	Prop 1B 2010	0.4	3.29	1.32	0.22	0.09
C-14528-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	25-Sep-12	Prop 1B 2010	0.92	4.57	4.21	0.15	0.14
C-14641-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	25-Sep-12	Prop 1B 2010	0.6	12.55	7.53	0.30	0.18
C-13688-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	25-Sep-12	Prop 1B 2010	0.2	5.77	1.15	0.20	0.04
C-13688-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	25-Sep-12	Prop 1B 2010	0.8	3.97	3.18	0.27	0.21
C-14694-A	On-Road Prop 1B	Vehicle Replacement	Other	5	26-Sep-12	Prop 1B 2010	0.45	8.72	3.92	0.30	0.14
C-14694-B	On-Road Prop 1B	Vehicle Replacement	Other	5	26-Sep-12	Prop 1B 2010	0.75	5.79	4.35	0.20	0.15
C-14109-A	On-Road Prop 1B	Vehicle Replacement	Other	5	26-Sep-12	Prop 1B 2010	0.9	7.01	6.31	0.24	0.21
C-14109-A	On-Road Prop 1B	Vehicle Replacement	Other	5	26-Sep-12	Prop 1B 2010	0.9	4.91	4.42	0.17	0.15
C-14503-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Sep-12	Prop 1B 2010	1	5.79	5.79	0.17	0.17
C-14901-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Sep-12	Prop 1B 2010	0.75	12.58	9.43	0.37	0.28
C-14901-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Sep-12	Prop 1B 2010	0.75	12.91	9.68	0.38	0.28
C-14116-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	28-Sep-12	Prop 1B 2010	1	9.92	9.92	0.33	0.33
C-14909-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Sep-12	Prop 1B 2010	0.8	9.51	7.60	0.33	0.26
C-14107-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	28-Sep-12	Prop 1B 2010	0.99	25.96	25.70	0.63	0.62
C-14107-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	28-Sep-12	Prop 1B 2010	0.99	17.23	17.06	0.42	0.41
C-14308-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Sep-12	Prop 1B 2010	0.8	11.38	9.10	0.28	0.22
C-14107-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	28-Sep-12	Prop 1B 2010	0.99	14.39	14.25	0.35	0.35
C-14308-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Sep-12	Prop 1B 2010	0.8	9.49	7.59	0.32	0.25
C-14107-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	28-Sep-12	Prop 1B 2010	0.99	12.78	12.65	0.43	0.42
C-14308-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Sep-12	Prop 1B 2010	0.8	9.36	7.49	0.31	0.25
C-14909-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Sep-12	Prop 1B 2010	1	6.29	6.29	0.22	0.22
C-14308-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Sep-12	Prop 1B 2010	0.8	8.57	6.85	0.29	0.23
C-14308-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Sep-12	Prop 1B 2010	0.8	7.99	6.39	0.27	0.21
C-14763-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	28-Sep-12	Prop 1B 2010	0.5	4.53	2.27	0.30	0.15
C-13688-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	30-Sep-12	Prop 1B 2010	0.2	4.45	0.89	0.15	0.03
C-13688-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	30-Sep-12	Prop 1B 2010	0.2	4.85	0.97	0.17	0.03
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	01-Oct-12	Prop 1B 2010	0.46	5.85	2.69	0.17	0.08
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	01-Oct-12	Prop 1B 2010	0.34	6.22	2.12	0.18	0.06
C-13721-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	02-Oct-12	Prop 1B 2010	0.8	3.68	2.94	0.12	0.10
C-14187-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	02-Oct-12	Prop 1B 2010	1	6.14	6.14	0.20	0.20
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	8.50	4.25	0.29	0.15
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	5.65	2.83	0.19	0.09
C-14187-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	02-Oct-12	Prop 1B 2010	0.9	8.20	7.38	0.20	0.18
C-14135-B	On-Road Prop 1B	Vehicle Replacement	Other	5	02-Oct-12	Prop 1B 2010	1	3.31	3.31	0.33	0.33
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	4.58	2.29	0.16	0.08
C-14135-B	On-Road Prop 1B	Vehicle Replacement	Other	5	02-Oct-12	Prop 1B 2010	1	3.26	3.26	0.32	0.32
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	3.80	1.90	0.15	0.07
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	4.03	2.01	0.13	0.07
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	4.16	2.08	0.12	0.06
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	5.92	2.96	0.18	0.09
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	4.46	2.23	0.13	0.07
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	7.67	3.84	0.18	0.09

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	6.54	3.27	0.23	0.11
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	3.88	1.94	0.12	0.06
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	8.24	4.12	0.20	0.10
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	4.78	2.39	0.14	0.07
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	8.08	4.04	0.23	0.12
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	6.29	3.15	0.18	0.09
C-14834-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	02-Oct-12	Prop 1B 2010	0.5	6.36	3.18	0.18	0.09
C-13764-A	On-Road Prop 1B	Vehicle Replacement	Other	5	03-Oct-12	Prop 1B 2010	0.8	7.92	6.34	0.19	0.15
C-13764-A	On-Road Prop 1B	Vehicle Replacement	Other	5	03-Oct-12	Prop 1B 2010	0.8	6.03	4.83	0.21	0.17
C-13688-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	04-Oct-12	Prop 1B 2010	0.9	7.08	6.37	0.17	0.16
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.3	5.98	1.79	0.21	0.06
C-14187-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	04-Oct-12	Prop 1B 2010	1	3.70	3.70	0.14	0.14
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.25	5.43	1.36	0.19	0.05
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.25	6.40	1.60	0.22	0.06
C-14901-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	04-Oct-12	Prop 1B 2010	0.75	9.71	7.28	0.28	0.21
C-14901-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	04-Oct-12	Prop 1B 2010	0.75	7.97	5.98	0.23	0.17
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.25	6.98	1.74	0.24	0.06
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.25	6.84	1.71	0.24	0.06
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.3	5.93	1.78	0.21	0.06
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.55	6.47	3.56	0.22	0.12
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.4	6.38	2.55	0.22	0.09
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.25	6.22	1.56	0.21	0.05
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.2	5.66	1.13	0.19	0.04
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	04-Oct-12	Prop 1B 2010	0.5	7.37	3.69	0.25	0.12
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	04-Oct-12	Prop 1B 2010	0.85	6.27	5.33	0.26	0.22
C-14329-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	05-Oct-12	Prop 1B 2010	0.45	12.34	5.55	0.30	0.14
C-14333-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	05-Oct-12	Prop 1B 2010	0.7	7.67	5.37	0.19	0.13
C-14329-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	05-Oct-12	Prop 1B 2010	0.45	8.39	3.78	0.20	0.09
C-14333-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	05-Oct-12	Prop 1B 2010	0.6	8.65	5.19	0.21	0.13
C-14346-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	05-Oct-12	Prop 1B 2010	0.8	6.86	5.49	0.17	0.13
C-13950-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	08-Oct-12	Prop 1B 2010	0.45	6.30	2.84	0.21	0.10
C-14442-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	08-Oct-12	Prop 1B 2010	1	3.91	3.91	0.11	0.11
C-13950-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	08-Oct-12	Prop 1B 2010	0.45	8.67	3.90	0.29	0.13
C-13950-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	08-Oct-12	Prop 1B 2010	0.45	9.54	4.29	0.32	0.15
C-13950-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	08-Oct-12	Prop 1B 2010	0.45	8.65	3.89	0.29	0.13
C-13950-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	08-Oct-12	Prop 1B 2010	0.45	9.87	4.44	0.24	0.11
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	09-Oct-12	Prop 1B 2010	0.34	5.89	2.00	0.20	0.07
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	09-Oct-12	Prop 1B 2010	0.3	5.53	1.66	0.19	0.06
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	09-Oct-12	Prop 1B 2010	0.4	6.83	2.73	0.24	0.09
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	09-Oct-12	Prop 1B 2010	0.65	6.47	4.21	0.22	0.15
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	09-Oct-12	Prop 1B 2010	0.5	6.20	3.10	0.21	0.11
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	09-Oct-12	Prop 1B 2010	0.25	6.93	1.73	0.24	0.06
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	09-Oct-12	Prop 1B 2010	0.45	8.22	3.70	0.27	0.12
C-14344-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	10-Oct-12	Prop 1B 2010	1	6.03	6.03	0.26	0.26
C-14540-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	10-Oct-12	Prop 1B 2010	0.95	3.62	3.44	0.37	0.35
C-14540-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	10-Oct-12	Prop 1B 2010	0.95	5.84	5.55	0.58	0.55

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14540-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	10-Oct-12	Prop 1B 2010	0.95	6.59	6.26	0.23	0.22
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	10-Oct-12	Prop 1B 2010	0.45	5.62	2.53	0.19	0.08
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	10-Oct-12	Prop 1B 2010	0.5	7.67	3.84	0.26	0.13
C-14685-B	On-Road Prop 1B	Vehicle Replacement	Other	5	10-Oct-12	Prop 1B 2010	0.5	7.16	3.58	0.24	0.12
C-14207-A	On-Road Prop 1B	Vehicle Replacement	Container	5	12-Oct-12	Prop 1B 2010	1	8.71	8.71	0.00	0.00
C-14573-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	12-Oct-12	Prop 1B 2010	1	6.22	6.22	0.21	0.21
C-13750-A	On-Road Prop 1B	Vehicle Replacement	Other	5	15-Oct-12	Prop 1B 2010	0.78	7.69	6.00	0.27	0.21
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	5.14	2.31	0.19	0.09
C-14851-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	15-Oct-12	Prop 1B 2010	0.45	6.36	2.86	0.15	0.07
C-14420-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	15-Oct-12	Prop 1B 2010	0.7	10.72	7.50	0.01	0.01
C-14420-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	15-Oct-12	Prop 1B 2010	0.7	10.10	7.07	0.01	0.01
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	5.80	2.61	0.19	0.09
C-14187-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	15-Oct-12	Prop 1B 2010	0.9	4.78	4.30	0.12	0.10
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	6.18	2.78	0.21	0.09
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	7.39	3.32	0.25	0.11
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	9.84	4.43	0.24	0.11
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	8.97	4.04	0.22	0.10
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	8.90	4.01	0.22	0.10
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	8.62	3.88	0.21	0.09
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	9.59	4.31	0.23	0.10
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	8.68	3.91	0.21	0.09
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	15-Oct-12	Prop 1B 2010	0.65	5.87	3.82	0.17	0.11
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	9.51	4.28	0.23	0.10
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	15-Oct-12	Prop 1B 2010	0.64	6.02	3.85	0.18	0.11
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	9.83	4.42	0.24	0.11
C-14405-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	15-Oct-12	Prop 1B 2010	0.68	4.55	3.09	0.13	0.09
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	8.91	4.01	0.22	0.10
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	8.65	3.89	0.21	0.09
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	8.45	3.80	0.20	0.09
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	8.97	4.04	0.22	0.10
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	9.01	4.05	0.22	0.10
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	9.21	4.14	0.22	0.10
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	15-Oct-12	Prop 1B 2010	0.45	11.41	5.13	0.28	0.13
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Other	5	15-Oct-12	Prop 1B 2010	0.45	7.81	3.52	0.19	0.09
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Other	5	15-Oct-12	Prop 1B 2010	0.45	9.22	4.15	0.22	0.10
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Other	5	15-Oct-12	Prop 1B 2010	0.45	6.54	2.94	0.16	0.07
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Other	5	15-Oct-12	Prop 1B 2010	0.45	10.05	4.52	0.25	0.11
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Other	5	15-Oct-12	Prop 1B 2010	0.45	9.70	4.37	0.24	0.11
C-14841-A	On-Road Prop 1B	Vehicle Replacement	Other	5	15-Oct-12	Prop 1B 2010	0.45	12.34	5.55	0.30	0.14
C-14573-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	16-Oct-12	Prop 1B 2010	1	8.04	8.04	0.33	0.33
C-14786-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Oct-12	Prop 1B 2010	0.95	4.20	3.99	0.06	0.06
C-14786-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Oct-12	Prop 1B 2010	0.95	4.45	4.23	0.07	0.06
C-14573-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	16-Oct-12	Prop 1B 2010	1	8.36	8.36	0.34	0.34
C-13939-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Oct-12	Prop 1B 2010	1	5.34	5.34	0.13	0.13
C-14786-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Oct-12	Prop 1B 2010	0.95	4.89	4.64	0.07	0.07
C-13939-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Oct-12	Prop 1B 2010	1	7.27	7.27	0.18	0.18

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14755-A	On-Road Prop 1B	Vehicle Replacement	Other	5	17-Oct-12	Prop 1B 2010	0.5	16.60	8.30	0.68	0.34
C-14659-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	17-Oct-12	Prop 1B 2010	1	5.18	5.18	0.54	0.54
C-14776-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	17-Oct-12	Prop 1B 2010	0.75	7.24	5.43	0.18	0.13
C-14839-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	17-Oct-12	Prop 1B 2010	0.85	3.75	3.19	0.11	0.09
C-14776-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	17-Oct-12	Prop 1B 2010	0.75	7.96	5.97	0.19	0.15
C-10051-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Oct-12	Prop 1B 2010	0.6	6.52	3.91	0.16	0.09
C-14776-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	17-Oct-12	Prop 1B 2010	0.75	7.65	5.74	0.19	0.14
C-10051-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Oct-12	Prop 1B 2010	0.6	5.14	3.08	0.12	0.07
C-10051-A	On-Road Prop 1B	Vehicle Replacement	Other	5	17-Oct-12	Prop 1B 2010	0.6	4.36	2.62	0.30	0.18
C-10051-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Oct-12	Prop 1B 2010	0.6	5.79	3.47	0.14	0.08
C-10051-A	On-Road Prop 1B	Vehicle Replacement	Other	5	17-Oct-12	Prop 1B 2010	0.6	7.34	4.40	0.18	0.11
C-10051-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Oct-12	Prop 1B 2010	0.6	5.77	3.46	0.14	0.08
C-10051-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Oct-12	Prop 1B 2010	0.6	5.04	3.02	0.12	0.07
C-14150-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	18-Oct-12	Prop 1B 2010	0.85	8.60	7.31	0.29	0.24
C-12325-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	18-Oct-12	Prop 1B 2010	1	5.92	5.92	0.20	0.20
C-14150-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	18-Oct-12	Prop 1B 2010	0.85	6.03	5.12	0.20	0.17
C-14150-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	18-Oct-12	Prop 1B 2010	0.8	6.70	5.36	0.22	0.18
C-14135-B	On-Road Prop 1B	Vehicle Replacement	Other	5	18-Oct-12	Prop 1B 2010	1	3.03	3.03	0.30	0.30
C-14135-C	On-Road Prop 1B	Vehicle Replacement	Other	5	18-Oct-12	Prop 1B 2010	1	4.39	4.39	0.16	0.16
C-13888-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	19-Oct-12	Prop 1B 2010	1	2.65	2.65	0.26	0.26
C-14511-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	22-Oct-12	Prop 1B 2010	0.18	3.34	0.60	0.45	0.08
C-14810-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	22-Oct-12	Prop 1B 2010	0.5	4.84	2.42	0.12	0.06
C-14190-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	22-Oct-12	Prop 1B 2010	1	4.31	4.31	0.11	0.11
C-14838-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	22-Oct-12	Prop 1B 2010	0.8	2.73	2.19	0.28	0.23
C-14217-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	22-Oct-12	Prop 1B 2010	1	18.67	18.67	0.46	0.46
C-14217-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	22-Oct-12	Prop 1B 2010	1	14.84	14.84	0.36	0.36
C-14843-B	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	22-Oct-12	Prop 1B 2010	0.95	4.58	4.35	0.11	0.11
C-14217-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	22-Oct-12	Prop 1B 2010	1	18.68	18.68	0.45	0.45
C-14884-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	23-Oct-12	Prop 1B 2010	0.6	4.21	2.53	0.10	0.06
C-13775-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	23-Oct-12	Prop 1B 2010	0.95	3.68	3.50	0.25	0.23
C-13901-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	23-Oct-12	Prop 1B 2010	1	3.01	3.01	0.31	0.31
C-14184-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	24-Oct-12	Prop 1B 2010	0.7	5.93	4.15	0.22	0.15
C-14109-A	On-Road Prop 1B	Vehicle Replacement	Other	5	24-Oct-12	Prop 1B 2010	0.95	3.45	3.28	0.20	0.19
C-14500-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	24-Oct-12	Prop 1B 2010	0.65	10.64	6.92	0.26	0.17
C-14568-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	24-Oct-12	Prop 1B 2010	1	13.74	13.74	0.34	0.34
C-14568-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	24-Oct-12	Prop 1B 2010	1	8.73	8.73	0.21	0.21
C-14109-A	On-Road Prop 1B	Vehicle Replacement	Other	5	24-Oct-12	Prop 1B 2010	0.95	4.10	3.89	0.14	0.13
C-14109-A	On-Road Prop 1B	Vehicle Replacement	Other	5	24-Oct-12	Prop 1B 2010	0.95	3.34	3.17	0.11	0.11
C-14109-B	On-Road Prop 1B	Vehicle Replacement	Other	5	24-Oct-12	Prop 1B 2010	0.95	3.57	3.40	0.12	0.11
C-14022-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	25-Oct-12	Prop 1B 2010	1	2.61	2.61	0.25	0.25
C-13815-A	On-Road Prop 1B	Vehicle Replacement	Other	5	25-Oct-12	Prop 1B 2010	0.5	9.05	4.53	0.22	0.11
C-13815-A	On-Road Prop 1B	Vehicle Replacement	Other	5	26-Oct-12	Prop 1B 2010	0.2	5.50	1.10	0.20	0.04
C-14761-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	26-Oct-12	Prop 1B 2010	1	2.59	2.59	0.26	0.26
C-14775-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	27-Oct-12	Prop 1B 2010	1	9.88	9.88	0.24	0.24
C-14308-B	On-Road Prop 1B	Vehicle Replacement	Other	5	29-Oct-12	Prop 1B 2010	0.7	12.79	8.96	0.01	0.01
C-13688-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	29-Oct-12	Prop 1B 2010	0.8	3.26	2.61	0.22	0.17

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	29-Oct-12	Prop 1B 2010	0.85	5.91	5.02	0.24	0.21
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	29-Oct-12	Prop 1B 2010	0.85	6.14	5.22	0.01	0.01
C-13003-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	30-Oct-12	Prop 1B 2010	0.9	4.46	4.02	0.13	0.12
C-14755-A	On-Road Prop 1B	Vehicle Replacement	Other	5	30-Oct-12	Prop 1B 2010	0.2	10.15	2.03	0.37	0.07
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	30-Oct-12	Prop 1B 2010	0.85	7.75	6.59	0.19	0.16
C-14885-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Oct-12	Prop 1B 2010	1	3.30	3.30	0.34	0.34
C-14885-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Oct-12	Prop 1B 2010	1	5.77	5.77	0.20	0.20
C-14885-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Oct-12	Prop 1B 2010	1	6.92	6.92	0.23	0.23
C-14488-B	On-Road Prop 1B	Vehicle Replacement	Dairy	5	31-Oct-12	Prop 1B 2010	1	2.24	2.24	0.22	0.22
C-10096-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	01-Nov-12	Prop 1B 2010	0.9	4.77	4.29	0.16	0.15
C-14612-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	01-Nov-12	Prop 1B 2010	1	4.15	4.15	0.15	0.15
C-14625-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	01-Nov-12	Prop 1B 2010	0.2	9.42	1.88	0.33	0.07
C-14909-A	On-Road Prop 1B	Vehicle Replacement	Other	5	01-Nov-12	Prop 1B 2010	0.8	10.81	8.65	0.37	0.30
C-10096-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	01-Nov-12	Prop 1B 2010	0.94	7.01	6.59	0.17	0.16
C-14612-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	01-Nov-12	Prop 1B 2010	1	5.23	5.23	0.19	0.19
C-14625-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	01-Nov-12	Prop 1B 2010	0.35	13.48	4.72	0.32	0.11
C-14612-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	01-Nov-12	Prop 1B 2010	1	6.15	6.15	0.22	0.22
C-14187-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	01-Nov-12	Prop 1B 2010	0.9	8.04	7.24	0.20	0.18
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	01-Nov-12	Prop 1B 2010	0.85	10.05	8.54	0.34	0.29
C-14538-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	01-Nov-12	Prop 1B 2010	0.95	3.71	3.52	0.14	0.13
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	01-Nov-12	Prop 1B 2010	0.85	12.76	10.84	0.31	0.26
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	01-Nov-12	Prop 1B 2010	0.85	8.61	7.32	0.30	0.25
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	01-Nov-12	Prop 1B 2010	0.85	7.34	6.24	0.25	0.22
C-14470-A	On-Road Prop 1B	Vehicle Replacement	Dump Truck	5	02-Nov-12	Prop 1B 2010	1	4.39	4.39	0.15	0.15
C-14127-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	05-Nov-12	Prop 1B 2010	1	2.83	2.83	0.28	0.28
C-14772-A	On-Road Prop 1B	Vehicle Replacement	Other	5	05-Nov-12	Prop 1B 2010	0.95	6.64	6.31	0.29	0.27
C-14254-A	On-Road Prop 1B	Vehicle Replacement	Other	5	05-Nov-12	Prop 1B 2010	0.25	5.32	1.33	0.23	0.06
C-13764-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	05-Nov-12	Prop 1B 2010	0.8	8.59	6.87	0.01	0.01
C-14789-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	06-Nov-12	Prop 1B 2010	1	7.20	7.20	0.17	0.17
C-14789-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	06-Nov-12	Prop 1B 2010	1	3.27	3.27	0.22	0.22
C-14759-B	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	06-Nov-12	Prop 1B 2010	1	4.15	4.15	0.10	0.10
C-14789-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	06-Nov-12	Prop 1B 2010	1	3.74	3.74	0.25	0.25
C-14074-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	07-Nov-12	Prop 1B 2010	0.7	5.30	3.71	0.13	0.09
C-14168-A	On-Road Prop 1B	Vehicle Replacement	Heavy Equipment or Metals	5	07-Nov-12	Prop 1B 2010	0.8	5.56	4.45	0.22	0.17
C-14314-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	08-Nov-12	Prop 1B 2010	1	4.46	4.46	0.11	0.11
C-14451-B	On-Road Prop 1B	Vehicle Replacement	Other	5	08-Nov-12	Prop 1B 2010	1	4.37	4.37	0.15	0.15
C-14249-A	On-Road Prop 1B	Vehicle Replacement	Other	5	08-Nov-12	Prop 1B 2010	1	3.72	3.72	0.12	0.12
C-14249-A	On-Road Prop 1B	Vehicle Replacement	Other	5	08-Nov-12	Prop 1B 2010	1	8.30	8.30	0.28	0.28
C-14249-A	On-Road Prop 1B	Vehicle Replacement	Other	5	08-Nov-12	Prop 1B 2010	0.5	11.57	5.79	0.28	0.14
C-13639-A	On-Road Prop 1B	Vehicle Replacement	Dump Truck	5	09-Nov-12	Prop 1B 2010	0.3	9.68	2.90	0.40	0.12
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	09-Nov-12	Prop 1B 2010	0.85	6.92	5.88	0.24	0.20
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	09-Nov-12	Prop 1B 2010	0.85	6.78	5.76	0.23	0.20
C-14841-B	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	12-Nov-12	Prop 1B 2010	0.4	3.61	1.44	0.12	0.05
C-14841-B	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	12-Nov-12	Prop 1B 2010	0.45	3.64	1.64	0.12	0.05
C-14908-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	13-Nov-12	Prop 1B 2010	0.8	6.52	5.21	0.16	0.13
C-14855-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	13-Nov-12	Prop 1B 2010	1	3.56	3.56	0.35	0.35

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-13945-A	On-Road Prop 1B	Vehicle Replacement	Heavy Equipment or Metals	5	14-Nov-12	Prop 1B 2010	0.9	2.25	2.02	0.31	0.28
C-14359-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	14-Nov-12	Prop 1B 2010	0.5	10.75	5.38	0.31	0.16
C-14645-A	On-Road Prop 1B	Vehicle Replacement	Other	5	14-Nov-12	Prop 1B 2010	0.7	10.93	7.65	0.36	0.25
C-14432-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	15-Nov-12	Prop 1B 2010	0.5	5.86	2.93	0.17	0.09
C-14774-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	15-Nov-12	Prop 1B 2010	1	5.06	5.06	0.17	0.17
C-10061-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	15-Nov-12	Prop 1B 2010	1	3.19	3.19	0.34	0.34
C-13764-A	On-Road Prop 1B	Vehicle Replacement	Other	5	15-Nov-12	Prop 1B 2010	0.8	5.81	4.65	0.14	0.11
C-14774-C	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	15-Nov-12	Prop 1B 2010	1	4.43	4.43	0.15	0.15
C-14358-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	16-Nov-12	Prop 1B 2010	1	4.55	4.55	0.15	0.15
C-14358-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	16-Nov-12	Prop 1B 2010	1	4.02	4.02	0.40	0.40
C-13898-A	On-Road Prop 1B	Vehicle Replacement	Other	5	19-Nov-12	Prop 1B 2010	0.8	9.59	7.67	0.23	0.19
C-14572-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	19-Nov-12	Prop 1B 2010	1	9.92	9.92	0.24	0.24
C-14572-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	19-Nov-12	Prop 1B 2010	1	9.23	9.23	0.22	0.22
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	19-Nov-12	Prop 1B 2010	0.85	9.21	7.83	0.32	0.27
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	19-Nov-12	Prop 1B 2010	0.85	9.97	8.48	0.41	0.35
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	19-Nov-12	Prop 1B 2010	0.85	11.88	10.10	0.29	0.25
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	19-Nov-12	Prop 1B 2010	0.85	8.62	7.33	0.32	0.27
C-14846-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Nov-12	Prop 1B 2010	1	4.89	4.89	0.14	0.14
C-14846-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Nov-12	Prop 1B 2010	1	9.04	9.04	0.22	0.22
C-14846-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Nov-12	Prop 1B 2010	1	6.19	6.19	0.21	0.21
C-14846-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Nov-12	Prop 1B 2010	1	14.01	14.01	0.35	0.35
C-14846-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Nov-12	Prop 1B 2010	1	10.95	10.95	0.27	0.27
C-14846-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Nov-12	Prop 1B 2010	1	10.63	10.63	0.26	0.26
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	20-Nov-12	Prop 1B 2010	0.85	7.38	6.28	0.25	0.21
C-14846-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Nov-12	Prop 1B 2010	1	11.91	11.91	0.29	0.29
C-14828-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	20-Nov-12	Prop 1B 2010	0.85	4.98	4.23	0.20	0.17
C-14831-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Nov-12	Prop 1B 2010	0.45	8.62	3.88	0.25	0.11
C-14036-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	21-Nov-12	Prop 1B 2010	1	5.59	5.59	0.56	0.56
C-14831-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Nov-12	Prop 1B 2010	0.45	5.81	2.61	0.26	0.12
C-14831-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Nov-12	Prop 1B 2010	0.45	9.82	4.42	0.29	0.13
C-14380-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Nov-12	Prop 1B 2010	1	2.53	2.53	0.17	0.17
C-14831-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Nov-12	Prop 1B 2010	0.45	6.91	3.11	0.30	0.14
C-14831-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Nov-12	Prop 1B 2010	0.45	7.19	3.24	0.38	0.17
C-14831-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Nov-12	Prop 1B 2010	0.45	6.79	3.06	0.30	0.14
C-14800-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	26-Nov-12	Prop 1B 2010	1	2.03	2.03	0.20	0.20
C-10792-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	26-Nov-12	Prop 1B 2010	0.5	2.87	1.44	0.13	0.06
C-13644-A	On-Road Prop 1B	Vehicle Replacement	Container	5	26-Nov-12	Prop 1B 2010	0.4	7.04	2.82	0.00	0.00
C-14538-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	26-Nov-12	Prop 1B 2010	0.95	4.01	3.81	0.05	0.05
C-14538-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	26-Nov-12	Prop 1B 2010	0.95	4.77	4.53	0.45	0.43
C-14594-A	On-Road Prop 1B	Vehicle Replacement	Other	5	26-Nov-12	Prop 1B 2010	0.5	5.66	2.83	0.20	0.10
C-14762-A	On-Road Prop 1B	Vehicle Replacement	Other	5	27-Nov-12	Prop 1B 2010	0.7	6.05	4.23	0.63	0.44
C-14326-A	On-Road Prop 1B	Vehicle Replacement	Heavy Equipment or Metals	5	27-Nov-12	Prop 1B 2010	0.75	7.10	5.32	0.32	0.24
C-14836-B	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	27-Nov-12	Prop 1B 2010	0.85	3.94	3.35	0.13	0.11
C-14217-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	27-Nov-12	Prop 1B 2010	1	14.90	14.90	0.52	0.52
C-14326-A	On-Road Prop 1B	Vehicle Replacement	Heavy Equipment or Metals	5	27-Nov-12	Prop 1B 2010	0.75	3.55	2.66	0.16	0.12
C-14836-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	27-Nov-12	Prop 1B 2010	0.6	6.62	3.97	0.16	0.10

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14217-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	27-Nov-12	Prop 1B 2010	1	10.90	10.90	0.38	0.38
C-14754-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	27-Nov-12	Prop 1B 2010	0.97	6.76	6.55	0.08	0.08
C-14405-D	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Nov-12	Prop 1B 2010	0.43	5.67	2.44	0.14	0.06
C-14405-D	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Nov-12	Prop 1B 2010	0.83	3.56	2.95	0.10	0.08
C-13820-B	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	27-Nov-12	Prop 1B 2010	0.6	4.95	2.97	0.15	0.09
C-13820-B	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	27-Nov-12	Prop 1B 2010	0.6	4.44	2.66	0.13	0.08
C-14405-C	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	27-Nov-12	Prop 1B 2010	0.77	4.89	3.76	0.12	0.09
C-14878-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	28-Nov-12	Prop 1B 2010	1	10.14	10.14	0.35	0.35
C-14131-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	28-Nov-12	Prop 1B 2010	0.8	3.03	2.42	0.30	0.24
C-13305-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Nov-12	Prop 1B 2010	0.5	6.58	3.29	0.19	0.10
C-14358-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Nov-12	Prop 1B 2010	1	5.15	5.15	0.13	0.13
C-14688-A	On-Road Prop 1B	Vehicle Replacement	Other	5	28-Nov-12	Prop 1B 2010	1	6.13	6.13	0.23	0.23
C-14878-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	28-Nov-12	Prop 1B 2010	1	13.62	13.62	0.47	0.47
C-14659-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	28-Nov-12	Prop 1B 2010	1	2.36	2.36	0.22	0.22
C-14878-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Nov-12	Prop 1B 2010	1	9.31	9.31	0.32	0.32
C-14688-A	On-Road Prop 1B	Vehicle Replacement	Container	5	28-Nov-12	Prop 1B 2010	1	8.20	8.20	0.20	0.20
C-14878-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	28-Nov-12	Prop 1B 2010	1	12.80	12.80	0.44	0.44
C-14878-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	28-Nov-12	Prop 1B 2010	1	7.30	7.30	0.25	0.25
C-14825-B	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	28-Nov-12	Prop 1B 2010	0.95	3.86	3.66	0.13	0.13
C-14825-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	28-Nov-12	Prop 1B 2010	0.95	5.12	4.86	0.12	0.12
C-14825-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	28-Nov-12	Prop 1B 2010	0.95	4.96	4.72	0.17	0.16
C-14825-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	28-Nov-12	Prop 1B 2010	0.95	5.38	5.11	0.13	0.12
C-14666-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	29-Nov-12	Prop 1B 2010	1	8.66	8.66	0.21	0.21
C-14636-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	29-Nov-12	Prop 1B 2010	1	2.46	2.46	0.25	0.25
C-14838-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	29-Nov-12	Prop 1B 2010	0.8	4.79	3.83	0.18	0.14
C-14333-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	29-Nov-12	Prop 1B 2010	0.9	5.73	5.16	0.14	0.13
C-14488-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	29-Nov-12	Prop 1B 2010	0.75	2.39	1.79	0.24	0.18
C-14775-B	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	30-Nov-12	Prop 1B 2010	1	6.37	6.37	0.15	0.15
C-14529-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Nov-12	Prop 1B 2010	0.8	3.73	2.98	0.15	0.12
C-14262-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	30-Nov-12	Prop 1B 2010	0.75	3.60	2.70	0.12	0.09
C-14161-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	30-Nov-12	Prop 1B 2010	1	4.70	4.70	0.11	0.11
C-14895-C	On-Road Prop 1B	Vehicle Replacement	Other	5	01-Dec-12	Prop 1B 2010	0.9	2.68	2.41	0.15	0.14
C-14895-D	On-Road Prop 1B	Vehicle Replacement	Other	5	01-Dec-12	Prop 1B 2010	0.89	2.47	2.19	0.14	0.13
C-10021-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	02-Dec-12	Prop 1B 2010	1	5.38	5.38	0.20	0.20
C-14777-B	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	02-Dec-12	Prop 1B 2010	0.7	7.28	5.10	0.18	0.12
C-14857-D	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	02-Dec-12	Prop 1B 2010	0.7	2.02	1.41	0.12	0.08
C-14857-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	02-Dec-12	Prop 1B 2010	0.7	2.27	1.59	0.13	0.09
C-14857-D	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	02-Dec-12	Prop 1B 2010	0.7	2.64	1.85	0.15	0.11
C-14857-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	02-Dec-12	Prop 1B 2010	0.7	2.43	1.70	0.14	0.10
C-14777-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	02-Dec-12	Prop 1B 2010	0.6	6.73	4.04	0.16	0.10
C-14109-C	On-Road Prop 1B	Vehicle Replacement	Other	5	02-Dec-12	Prop 1B 2010	0.95	3.70	3.51	0.12	0.12
C-14109-D	On-Road Prop 1B	Vehicle Replacement	Other	5	02-Dec-12	Prop 1B 2010	0.95	3.13	2.97	0.10	0.10
C-14109-E	On-Road Prop 1B	Vehicle Replacement	Other	5	02-Dec-12	Prop 1B 2010	0.95	2.95	2.80	0.10	0.09
C-14109-C	On-Road Prop 1B	Vehicle Replacement	Other	5	02-Dec-12	Prop 1B 2010	0.95	3.11	2.96	0.12	0.11
C-14602-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	03-Dec-12	Prop 1B 2010	0.75	6.12	4.59	0.22	0.16
C-14224-C	On-Road Prop 1B	Vehicle Replacement	Other	5	03-Dec-12	Prop 1B 2010	1	2.52	2.52	0.13	0.13

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14811-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	03-Dec-12	Prop 1B 2010	1	4.14	4.14	0.28	0.28
C-14224-C	On-Road Prop 1B	Vehicle Replacement	Other	5	03-Dec-12	Prop 1B 2010	1	3.32	3.32	0.15	0.15
C-14811-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	03-Dec-12	Prop 1B 2010	1	4.76	4.76	0.32	0.32
C-14811-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	03-Dec-12	Prop 1B 2010	1	5.74	5.74	0.38	0.38
C-14811-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	03-Dec-12	Prop 1B 2010	1	5.21	5.21	0.35	0.35
C-14811-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	03-Dec-12	Prop 1B 2010	1	4.18	4.18	0.28	0.28
C-14834-E	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	03-Dec-12	Prop 1B 2010	0.5	3.55	1.78	0.11	0.05
C-14834-B	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	03-Dec-12	Prop 1B 2010	0.5	3.79	1.89	0.11	0.05
C-14249-B	On-Road Prop 1B	Vehicle Replacement	Other	5	03-Dec-12	Prop 1B 2010	0.75	3.11	2.34	0.10	0.08
C-14811-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	03-Dec-12	Prop 1B 2010	1	5.39	5.39	0.13	0.13
C-14271-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	05-Dec-12	Prop 1B 2010	0.98	6.03	5.91	0.15	0.14
C-12738-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	06-Dec-12	Prop 1B 2010	0.5	8.27	4.14	0.24	0.12
C-14346-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	07-Dec-12	Prop 1B 2010	1	5.39	5.39	0.13	0.13
C-14806-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	10-Dec-12	Prop 1B 2010	0.5	8.19	4.10	0.21	0.10
C-14135-D	On-Road Prop 1B	Vehicle Replacement	Other	5	10-Dec-12	Prop 1B 2010	1	2.38	2.38	0.24	0.24
C-14333-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	11-Dec-12	Prop 1B 2010	0.9	6.06	5.45	0.15	0.13
C-14218-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	12-Dec-12	Prop 1B 2010	1	5.92	5.92	0.27	0.27
C-14657-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	12-Dec-12	Prop 1B 2010	0.99	7.43	7.36	0.18	0.18
C-13813-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	12-Dec-12	Prop 1B 2010	0.8	6.30	5.04	0.29	0.23
C-14218-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	12-Dec-12	Prop 1B 2010	1	3.18	3.18	0.32	0.32
C-14348-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	12-Dec-12	Prop 1B 2010	0.43	5.85	2.52	0.27	0.11
C-14348-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	12-Dec-12	Prop 1B 2010	0.34	4.74	1.61	0.21	0.07
C-14520-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	13-Dec-12	Prop 1B 2010	1	11.18	11.18	0.38	0.38
C-14036-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	14-Dec-12	Prop 1B 2010	1	5.24	5.24	0.56	0.56
C-14233-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	14-Dec-12	Prop 1B 2010	0.5	10.35	5.17	0.34	0.17
C-13279-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	17-Dec-12	Prop 1B 2010	1	3.25	3.25	0.11	0.11
C-13994-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	18-Dec-12	Prop 1B 2010	0.1	4.07	0.41	0.18	0.02
C-14282-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	18-Dec-12	Prop 1B 2010	0.4	10.09	4.04	0.29	0.12
C-14234-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	18-Dec-12	Prop 1B 2010	0.99	3.08	3.05	0.09	0.09
C-14350-A	On-Road Prop 1B	Vehicle Replacement	Container	5	18-Dec-12	Prop 1B 2010	0.6	8.10	4.86	0.27	0.16
C-14594-A	On-Road Prop 1B	Vehicle Replacement	Other	5	18-Dec-12	Prop 1B 2010	0.7	5.22	3.65	0.18	0.13
C-14455-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	18-Dec-12	Prop 1B 2010	0.83	4.48	3.72	0.15	0.12
C-14455-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	18-Dec-12	Prop 1B 2010	0.9	4.20	3.78	0.14	0.13
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.65	3.28	2.13	0.22	0.15
C-14918-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	19-Dec-12	Prop 1B 2010	1	2.63	2.63	0.18	0.18
C-14901-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	19-Dec-12	Prop 1B 2010	0.75	5.19	3.89	0.13	0.09
C-14576-B	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.4	6.14	2.46	0.15	0.06
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	10.31	8.25	0.25	0.20
C-16642-B	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	1	3.56	3.56	0.11	0.11
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	3.76	3.01	0.25	0.20
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	3.78	3.03	0.25	0.20
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	3.37	2.69	0.23	0.18
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	4.60	3.68	0.31	0.25
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	4.28	3.42	0.29	0.23
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	5.64	4.51	0.38	0.30
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	3.84	3.07	0.26	0.21



Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	3.62	2.90	0.24	0.19
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	4.12	3.30	0.28	0.22
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	5.69	4.55	0.19	0.15
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	3.34	2.67	0.22	0.18
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	3.99	3.19	0.27	0.21
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	6.39	5.11	0.43	0.34
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	19-Dec-12	Prop 1B 2010	0.8	7.21	5.77	0.48	0.39
C-14460-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	20-Dec-12	Prop 1B 2010	0.2	9.49	1.90	0.28	0.06
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	20-Dec-12	Prop 1B 2010	0.9	5.68	5.11	0.14	0.12
C-14346-C	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	20-Dec-12	Prop 1B 2010	0.97	4.00	3.88	0.10	0.09
C-9940-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	20-Dec-12	Prop 1B 2010	0.13	3.10	0.40	0.11	0.01
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	20-Dec-12	Prop 1B 2010	0.8	4.49	3.59	0.30	0.24
C-9940-A	On-Road Prop 1B	Vehicle Replacement	General Cargo	5	20-Dec-12	Prop 1B 2010	0.14	8.71	1.22	0.21	0.03
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	20-Dec-12	Prop 1B 2010	0.8	3.40	2.72	0.23	0.18
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	20-Dec-12	Prop 1B 2010	0.8	3.44	2.76	0.23	0.18
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	20-Dec-12	Prop 1B 2010	0.8	3.82	3.06	0.26	0.20
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	20-Dec-12	Prop 1B 2010	1	5.54	5.54	0.14	0.14
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	20-Dec-12	Prop 1B 2010	0.8	7.18	5.74	0.48	0.38
C-14817-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Dec-12	Prop 1B 2010	0.1	4.21	0.42	0.14	0.01
C-14276-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	21-Dec-12	Prop 1B 2010	0.6	3.18	1.91	0.14	0.09
C-14667-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Dec-12	Prop 1B 2010	1	3.97	3.97	0.15	0.15
C-14853-C	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	21-Dec-12	Prop 1B 2010	0.95	2.41	2.29	0.14	0.13
C-14576-A	On-Road Prop 1B	Vehicle Replacement	Poultry	5	21-Dec-12	Prop 1B 2010	0.75	4.91	3.68	0.33	0.25
C-14817-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Dec-12	Prop 1B 2010	0.4	4.12	1.65	0.41	0.16
C-14853-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	21-Dec-12	Prop 1B 2010	0.95	3.98	3.78	0.23	0.21
C-14817-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Dec-12	Prop 1B 2010	0.4	6.98	2.79	0.29	0.11
C-14817-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Dec-12	Prop 1B 2010	0.4	5.25	2.10	0.18	0.07
C-14161-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Dec-12	Prop 1B 2010	1	5.20	5.20	0.13	0.13
C-14853-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	21-Dec-12	Prop 1B 2010	0.95	4.86	4.62	0.28	0.26
C-14817-B	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Dec-12	Prop 1B 2010	0.34	4.22	1.43	0.15	0.05
C-14853-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	21-Dec-12	Prop 1B 2010	0.95	2.74	2.60	0.16	0.15
C-14817-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Dec-12	Prop 1B 2010	0.4	6.72	2.69	0.23	0.09
C-14853-B	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	21-Dec-12	Prop 1B 2010	0.95	4.41	4.19	0.16	0.15
C-14853-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	21-Dec-12	Prop 1B 2010	0.95	4.60	4.37	0.26	0.25
C-14817-A	On-Road Prop 1B	Vehicle Replacement	Other	5	21-Dec-12	Prop 1B 2010	0.4	6.44	2.58	0.22	0.09
C-14853-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	21-Dec-12	Prop 1B 2010	0.95	7.45	7.08	0.31	0.29
C-14457-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	24-Dec-12	Prop 1B 2010	1	5.85	5.85	0.14	0.14
C-14171-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	26-Dec-12	Prop 1B 2010	0.4	3.76	1.50	0.19	0.08
C-14880-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	26-Dec-12	Prop 1B 2010	1	3.41	3.41	0.34	0.34
C-14758-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	26-Dec-12	Prop 1B 2010	0.2	7.58	1.52	0.35	0.07
C-14838-C	On-Road Prop 1B	Vehicle Replacement	Other	5	26-Dec-12	Prop 1B 2010	0.8	5.70	4.56	0.14	0.11
C-13769-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	27-Dec-12	Prop 1B 2010	0.85	4.94	4.20	0.22	0.19
C-13973-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	27-Dec-12	Prop 1B 2010	0.33	5.36	1.77	0.18	0.06
C-14909-A	On-Road Prop 1B	Vehicle Replacement	Other	5	27-Dec-12	Prop 1B 2010	0.9	4.65	4.19	0.16	0.14
C-14369-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	28-Dec-12	Prop 1B 2010	0.96	9.65	9.27	0.01	0.01
C-14369-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Dec-12	Prop 1B 2010	0.96	8.83	8.48	0.01	0.01

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-14369-A	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	28-Dec-12	Prop 1B 2010	0.96	12.95	12.43	0.00	0.00
C-14218-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	28-Dec-12	Prop 1B 2010	1	2.19	2.19	0.10	0.10
C-14457-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	28-Dec-12	Prop 1B 2010	1	2.93	2.93	0.29	0.29
C-14457-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	28-Dec-12	Prop 1B 2010	0.87	5.23	4.55	0.17	0.15
C-14457-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	28-Dec-12	Prop 1B 2010	0.91	7.06	6.42	0.24	0.22
C-14457-A	On-Road Prop 1B	Vehicle Replacement	Dairy	5	28-Dec-12	Prop 1B 2010	0.96	6.51	6.25	0.22	0.21
C-12998-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Dec-12	Prop 1B 2010	0.5	10.17	5.08	0.34	0.17
C-14203-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	31-Dec-12	Prop 1B 2010	0.85	5.92	5.03	0.79	0.67
C-14757-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	31-Dec-12	Prop 1B 2010	1	5.74	5.74	0.20	0.20
C-14757-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	31-Dec-12	Prop 1B 2010	1	5.15	5.15	0.18	0.18
C-14455-B	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	31-Dec-12	Prop 1B 2010	0.97	4.06	3.94	0.10	0.10
C-14455-B	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	31-Dec-12	Prop 1B 2010	0.9	2.62	2.36	0.18	0.16
C-14566-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	09-Jan-13	Prop 1B 2010	0.5	10.21	5.10	0.35	0.17
C-13920-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	11-Jan-13	Prop 1B 2010	1	11.76	11.76	0.02	0.02
C-14816-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	11-Jan-13	Prop 1B 2010	0.5	5.99	2.99	0.26	0.13
C-14606-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Jan-13	Prop 1B 2010	0.7	7.85	5.49	0.35	0.24
C-14175-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	15-Jan-13	Prop 1B 2010	0.75	8.31	6.23	0.29	0.22
C-10153-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	16-Jan-13	Prop 1B 2010	0.6	9.15	5.49	0.30	0.18
C-13371-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	18-Jan-13	Prop 1B 2010	0.5	9.31	4.66	0.27	0.14
C-14804-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	23-Jan-13	Prop 1B 2010	0.5	9.93	4.97	0.33	0.17
C-14346-E	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	23-Jan-13	Prop 1B 2010	0.97	3.63	3.52	0.09	0.09
C-14346-D	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	23-Jan-13	Prop 1B 2010	0.97	3.76	3.65	0.09	0.09
C-14455-B	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	23-Jan-13	Prop 1B 2010	0.97	4.08	3.95	0.10	0.10
C-14321-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	26-Jan-13	Prop 1B 2010	0.5	4.12	2.06	0.18	0.09
C-14455-B	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	28-Jan-13	Prop 1B 2010	0.97	4.64	4.50	0.11	0.11
C-14455-B	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	28-Jan-13	Prop 1B 2010	0.9	2.46	2.21	0.16	0.15
C-14437-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	30-Jan-13	Prop 1B 2010	0.7	5.03	3.52	0.22	0.15
C-18543-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	30-Jan-13	Prop 1B 2010	0.7	6.30	4.41	0.18	0.13
C-9974-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	31-Jan-13	Prop 1B 2010	0.7	11.51	8.06	0.39	0.27
C-14718-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	07-Feb-13	Prop 1B 2010	0.5	4.53	2.26	0.20	0.10
C-14729-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	08-Feb-13	Prop 1B 2010	0.2	4.94	0.99	0.12	0.02
C-13719-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	08-Feb-13	Prop 1B 2010	0.6	4.42	2.65	0.11	0.06
C-10040-A	On-Road Prop 1B	Vehicle Replacement	Wood or Paper Products	5	12-Feb-13	Prop 1B 2010	0.5	6.80	3.40	0.20	0.10
C-14289-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	14-Feb-13	Prop 1B 2010	0.55	3.63	2.00	0.16	0.09
C-13369-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Feb-13	Prop 1B 2010	0.8	4.05	3.24	0.18	0.14
C-13732-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Feb-13	Prop 1B 2010	0.8	3.43	2.75	0.15	0.12
C-13632-A	On-Road Prop 1B	Vehicle Replacement	Aggregates	5	15-Feb-13	Prop 1B 2010	0.5	11.42	5.71	0.28	0.14
C-14442-B	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	04-Mar-13	Prop 1B 2010	1	2.73	2.73	0.08	0.08
C-14488-D	On-Road Prop 1B	Vehicle Replacement	Dairy	5	04-Mar-13	Prop 1B 2010	1	2.46	2.46	0.08	0.08
C-14721-A	On-Road Prop 1B	Vehicle Replacement	Building or Construction Materials	5	11-Mar-13	Prop 1B 2010	0.4	9.48	3.79	0.28	0.11
C-10051-C	On-Road Prop 1B	Vehicle Replacement	Other	5	11-Mar-13	Prop 1B 2010	0.6	4.55	2.73	0.11	0.07
C-10051-B	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	11-Mar-13	Prop 1B 2010	0.6	4.44	2.66	0.11	0.06
C-10051-C	On-Road Prop 1B	Vehicle Replacement	Other	5	12-Mar-13	Prop 1B 2010	0.6	4.32	2.59	0.11	0.06
C-14577-A	On-Road Prop 1B	Vehicle Replacement	Restaurant or Supermarket	5	13-Mar-13	Prop 1B 2010	0.6	5.69	3.42	0.17	0.10
C-14135-E	On-Road Prop 1B	Vehicle Replacement	Other	5	13-Mar-13	Prop 1B 2010	1	3.20	3.20	0.12	0.12
C-13832-A	On-Road Prop 1B	Vehicle Replacement	Dump Truck	5	14-Mar-13	Prop 1B 2010	0.5	5.05	2.53	0.19	0.09

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-10051-D	On-Road Prop 1B	Vehicle Replacement	Other	5	15-Mar-13	Prop 1B 2010	0.6	3.96	2.38	0.10	0.06
C-14587-A	On-Road Prop 1B	Vehicle Replacement	Other	5	18-Mar-13	Prop 1B 2010	0.98	3.29	3.22	0.11	0.11
C-14048-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Mar-13	Prop 1B 2010	1	9.64	9.64	0.33	0.33
C-14025-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	21-Mar-13	Prop 1B 2010	0.7	4.36	3.05	0.20	0.14
C-10051-E	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	25-Mar-13	Prop 1B 2010	0.6	3.86	2.31	0.09	0.06
C-14255-A	On-Road Prop 1B	Vehicle Replacement	Long Haul Trucking	5	28-Mar-13	Prop 1B 2010	0.66	4.29	2.83	0.15	0.10
C-14775-C	On-Road Prop 1B	Vehicle Replacement	Bulk or Break Bulk	5	27-Apr-13	Prop 1B 2010	1	3.71	3.71	0.14	0.14
C-14673-A	On-Road Prop 1B	Vehicle Replacement	Other	5	06-Jun-13	Prop 1B 2010	0.45	14.42	6.49	0.35	0.16
C-14356-A	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	14-Sep-13	Prop 1B 2010	0.98	6.66	6.52	0.16	0.16
C-14150-A	On-Road Prop 1B	Vehicle Replacement	Hazardous Materials	5	18-Oct-13	Prop 1B 2010	0.85	6.81	5.79	0.23	0.19
C-13610-A	On-Road Prop 1B	Vehicle Replacement	Container	5	25-Oct-13	Prop 1B 2010	0.9	6.60	5.94	0.22	0.20
C-14089-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	31-Oct-13	Prop 1B 2010	0.6	5.49	3.30	0.15	0.09
C-13672-A	On-Road Prop 1B	Vehicle Replacement	Other	5	12-Nov-13	Prop 1B 2010	0.75	4.05	3.04	0.10	0.07
C-14778-B	On-Road Prop 1B	Vehicle Replacement	Agricultural	5	06-Dec-13	Prop 1B 2010	1	2.64	2.64	0.09	0.09
C-17210-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	15-May-12	Prop 1B 2010	1	5.96	5.96	0.62	0.62
C-17189-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	24-May-12	Prop 1B 2010	0.9	5.28	4.75	0.35	0.32
C-17280-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	3.95	2.77	0.32	0.23
C-17283-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	4.04	2.83	0.40	0.28
C-17285-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	4.37	3.06	0.44	0.31
C-17287-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	4.09	2.87	0.33	0.23
C-17288-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	4.18	2.93	0.42	0.29
C-17289-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	4.23	2.96	0.42	0.30
C-17290-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	4.03	2.82	0.31	0.22
C-17291-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	4.32	3.03	0.43	0.30
C-17392-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	3.83	2.68	0.32	0.23
C-17394-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	3.64	2.55	0.36	0.26
C-17277-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	3.89	2.72	0.32	0.22
C-17292-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	12-Jun-12	Prop 1B 2010	0.7	4.23	2.96	0.42	0.30
C-17402-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	25-Jun-12	Prop 1B 2010	1	6.08	6.08	0.61	0.61
C-17393-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	08-Aug-12	Prop 1B 2010	0.7	4.16	2.91	0.41	0.28
C-17278-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	08-Aug-12	Prop 1B 2010	0.7	3.77	2.64	0.28	0.20
C-17281-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	08-Aug-12	Prop 1B 2010	0.7	4.36	3.05	0.25	0.18
C-17284-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	08-Aug-12	Prop 1B 2010	0.7	4.22	2.95	0.25	0.17
C-17286-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	08-Aug-12	Prop 1B 2010	0.7	4.07	2.85	0.24	0.17
C-17395-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	08-Aug-12	Prop 1B 2010	0.7	3.79	2.65	0.29	0.20
C-17157-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Hazardous Materials	5	18-Oct-12	Prop 1B 2010	0.85	5.05	4.29	0.22	0.19
C-17401-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	15-Nov-12	Prop 1B 2010	1	2.50	2.50	0.25	0.25
C-12727-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Heavy Equipment or Metals	5	27-Nov-12	Prop 1B 2010	0.95	9.81	9.31	0.99	0.94
C-17159-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Aggregates	5	30-Nov-12	Prop 1B 2010	1	2.74	2.74	0.12	0.12
C-17193-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	20-Dec-12	Prop 1B 2010	0.8	5.68	4.55	0.23	0.19
C-17194-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	20-Dec-12	Prop 1B 2010	0.8	6.51	5.21	0.27	0.21
C-17205-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	20-Dec-12	Prop 1B 2010	0.8	6.22	4.97	0.26	0.20
C-17208-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	20-Dec-12	Prop 1B 2010	0.8	6.58	5.27	0.27	0.22
C-17191-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Agricultural	5	20-Dec-12	Prop 1B 2010	0.8	5.66	4.53	0.23	0.19
C-17067-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Dairy	5	28-Dec-12	Prop 1B 2010	1	10.22	10.22	0.25	0.25
C-17076-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Wood or Paper Products	5	28-Dec-12	Prop 1B 2010	0.95	6.84	6.50	0.17	0.16

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-17073-A	On-Road Prop 1B	Vehicle Replacement 2 for 1	Dairy	5	28-Dec-12	Prop 1B 2010	1	7.49	7.49	0.22	0.22
C-8464-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Mar-13	Carl Moyer 2011	1	14.56	14.56	0.59	0.59
C-8664-A	Off-Road	Vehicle Replacement	Forklift	10	31-Jan-13	Carl Moyer 2011	1	1.54	1.54	0.09	0.09
C-8878-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Jan-13	Carl Moyer 2011	1	1.51	1.51	0.08	0.08
C-4789-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Jan-13	Carl Moyer 2011	1	4.49	4.49	0.40	0.40
C-8369-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Jan-13	Carl Moyer 2011	1	4.41	4.41	0.19	0.19
C-7500-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Jan-13	Carl Moyer 2011	1	4.26	4.26	0.14	0.14
C-8344-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jan-13	Carl Moyer 2011	1	4.18	4.18	0.36	0.36
C-7557-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Jan-13	Carl Moyer 2011	1	2.00	2.00	0.12	0.12
C-7912-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-Jan-13	Carl Moyer 2011	1	3.77	3.77	0.24	0.24
C-8966-A	Off-Road	Vehicle Replacement	Hay Hauler	10	09-Jan-13	Carl Moyer 2011	1	3.74	3.74	0.13	0.13
C-8295-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Jan-13	Carl Moyer 2011	1	18.86	18.86	0.80	0.80
C-8301-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Jan-13	Carl Moyer 2011	1	20.92	20.92	0.91	0.91
C-8166-A	Off-Road	Vehicle Replacement	Wheel Loader	10	07-Jan-13	Carl Moyer 2011	1	7.53	7.53	0.39	0.39
C-8842-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	03-Jan-13	Carl Moyer 2011	1	4.10	4.10	0.16	0.16
C-7740-A	Off-Road	Vehicle Replacement	Wheel Loader	10	31-Dec-12	Carl Moyer 2011	1	7.06	7.06	0.35	0.35
C-7738-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-12	Carl Moyer 2011	1	3.89	3.89	0.14	0.14
C-7894-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-12	Carl Moyer 2011	1	0.72	0.72	0.12	0.12
C-7937-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-12	Carl Moyer 2011	1	0.61	0.61	0.04	0.04
C-8123-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-12	Carl Moyer 2011	1	17.45	17.45	0.70	0.70
C-8513-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-12	Carl Moyer 2011	1	2.37	2.37	0.10	0.10
C-8852-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-12	Carl Moyer 2011	1	2.13	2.13	0.14	0.14
C-7434-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-12	Carl Moyer 2011	1	1.90	1.90	0.10	0.10
C-7437-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-12	Carl Moyer 2011	1	8.55	8.55	0.37	0.37
C-7438-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-12	Carl Moyer 2011	1	13.16	13.16	0.57	0.57
C-8136-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-12	Carl Moyer 2011	1	2.44	2.44	0.17	0.17
C-8167-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-12	Carl Moyer 2011	1	5.61	5.61	0.35	0.35
C-8341-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-12	Carl Moyer 2011	1	2.55	2.55	0.17	0.17
C-8351-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-12	Carl Moyer 2011	1	2.91	2.91	0.20	0.20
C-8425-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-12	Carl Moyer 2011	1	2.91	2.91	0.20	0.20
C-9031-A	Off-Road	Vehicle Replacement	Wheel Loader	10	27-Dec-12	Carl Moyer 2011	1	15.15	15.15	0.78	0.78
C-7984-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Dec-12	Carl Moyer 2011	1	1.20	1.20	0.07	0.07
C-7989-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Dec-12	Carl Moyer 2011	1	1.55	1.55	0.14	0.14
C-7994-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Dec-12	Carl Moyer 2011	1	2.08	2.08	0.18	0.18
C-7998-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Dec-12	Carl Moyer 2011	1	3.45	3.45	0.29	0.29
C-8000-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Dec-12	Carl Moyer 2011	1	0.57	0.57	0.04	0.04
C-8169-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Dec-12	Carl Moyer 2011	1	0.56	0.56	0.07	0.07
C-8231-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Dec-12	Carl Moyer 2011	1	4.60	4.60	0.31	0.31
C-7936-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Dec-12	Carl Moyer 2011	1	9.33	9.33	0.48	0.48
C-8876-A	Off-Road	Vehicle Replacement	Wheel Loader	10	21-Dec-12	Carl Moyer 2011	1	3.85	3.85	0.12	0.12
C-8627-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Dec-12	Carl Moyer 2011	1	4.62	4.62	0.25	0.25
C-7382-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Dec-12	Carl Moyer 2011	1	3.48	3.48	0.22	0.22
C-7691-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Dec-12	Carl Moyer 2011	1	1.75	1.75	0.09	0.09
C-8376-A	Off-Road	Vehicle Replacement	Wheel Loader	10	19-Dec-12	Carl Moyer 2011	1	9.33	9.33	0.39	0.39
C-8840-A	Off-Road	Vehicle Replacement	Wheel Loader	10	19-Dec-12	Carl Moyer 2011	1	9.96	9.96	0.49	0.49
C-8153-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Dec-12	Carl Moyer 2011	1	3.05	3.05	0.25	0.25

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8682-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Dec-12	Carl Moyer 2011	1	0.60	0.60	0.04	0.04
C-8395-A	Off-Road	Vehicle Replacement	Wheel Loader	10	17-Dec-12	Carl Moyer 2011	1	2.87	2.87	0.14	0.14
C-7190-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Dec-12	Carl Moyer 2011	1	6.00	6.00	0.26	0.26
C-8466-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Dec-12	Carl Moyer 2011	1	6.54	6.54	0.29	0.29
C-8598-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Dec-12	Carl Moyer 2011	1	4.56	4.56	0.36	0.36
C-8979-A	Off-Road	Vehicle Replacement	Wheel Loader	10	13-Dec-12	Carl Moyer 2011	1	7.99	7.99	0.40	0.40
C-8999-A	Off-Road	Vehicle Replacement	Wheel Loader	10	12-Dec-12	Carl Moyer 2011	1	6.57	6.57	0.37	0.37
C-4564-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Dec-12	Carl Moyer 2011	1	6.65	6.65	0.34	0.34
C-8010-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	04-Dec-12	Carl Moyer 2011	1	1.36	1.36	0.09	0.09
C-8012-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	04-Dec-12	Carl Moyer 2011	1	1.27	1.27	0.11	0.11
C-8882-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	04-Dec-12	Carl Moyer 2011	1	16.69	16.69	0.71	0.71
C-4688-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	03-Dec-12	Carl Moyer 2011	1	1.62	1.62	0.09	0.09
C-8004-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Nov-12	Carl Moyer 2011	1	0.73	0.73	0.03	0.03
C-8084-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Nov-12	Carl Moyer 2011	1	2.26	2.26	0.13	0.13
C-8811-A	Off-Road	Vehicle Replacement	Wheel Loader	10	30-Nov-12	Carl Moyer 2011	1	2.65	2.65	0.17	0.17
C-7855-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Nov-12	Carl Moyer 2011	1	6.84	6.84	0.34	0.34
C-8211-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Nov-12	Carl Moyer 2011	1	5.73	5.73	0.23	0.23
C-7251-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Nov-12	Carl Moyer 2011	1	0.62	0.62	0.04	0.04
C-7451-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Nov-12	Carl Moyer 2011	1	4.24	4.24	0.26	0.26
C-8120-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Nov-12	Carl Moyer 2011	1	2.89	2.89	0.18	0.18
C-8519-A	Off-Road	Vehicle Replacement	Tomato Harvester	10	25-Nov-12	Carl Moyer 2011	1	8.71	8.71	0.31	0.31
C-9038-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Nov-12	Carl Moyer 2011	1	2.21	2.21	0.13	0.13
C-8011-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Nov-12	Carl Moyer 2011	1	7.85	7.85	0.34	0.34
C-8686-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Nov-12	Carl Moyer 2011	1	0.17	0.17	0.02	0.02
C-7796-A	Off-Road	Vehicle Replacement	Wheel Loader	10	15-Nov-12	Carl Moyer 2011	1	7.26	7.26	0.31	0.31
C-7888-A	Off-Road	Vehicle Replacement	Wheel Loader	10	15-Nov-12	Carl Moyer 2011	1	11.46	11.46	0.53	0.53
C-7431-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Nov-12	Carl Moyer 2011	1	1.55	1.55	0.07	0.07
C-7444-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Nov-12	Carl Moyer 2011	1	1.86	1.86	0.08	0.08
C-8243-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Nov-12	Carl Moyer 2011	1	1.95	1.95	0.10	0.10
C-8229-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Nov-12	Carl Moyer 2011	1	4.20	4.20	0.26	0.26
C-8237-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Nov-12	Carl Moyer 2011	1	3.94	3.94	0.25	0.25
C-6811-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Nov-12	Carl Moyer 2011	1	5.22	5.22	0.31	0.31
C-6817-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Nov-12	Carl Moyer 2011	1	3.46	3.46	0.28	0.28
C-7484-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Nov-12	Carl Moyer 2011	1	7.82	7.82	0.34	0.34
C-7495-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Nov-12	Carl Moyer 2011	1	13.03	13.03	0.57	0.57
C-7769-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Nov-12	Carl Moyer 2011	1	2.46	2.46	0.16	0.16
C-7800-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Nov-12	Carl Moyer 2011	1	7.04	7.04	0.44	0.44
C-7387-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Oct-12	Carl Moyer 2011	1	10.96	10.96	0.48	0.48
C-7560-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Oct-12	Carl Moyer 2011	1	5.43	5.43	0.31	0.31
C-7801-A	Off-Road	Vehicle Replacement	Wheel Loader	10	31-Oct-12	Carl Moyer 2011	1	8.64	8.64	0.45	0.45
C-7884-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Oct-12	Carl Moyer 2011	1	26.68	26.68	1.18	1.18
C-8288-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Oct-12	Carl Moyer 2011	1	3.55	3.55	0.16	0.16
C-8647-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Oct-12	Carl Moyer 2011	1	18.96	18.96	0.83	0.83
C-8225-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Oct-12	Carl Moyer 2011	1	2.84	2.84	0.17	0.17
C-8226-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Oct-12	Carl Moyer 2011	1	2.84	2.84	0.17	0.17
C-8423-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Oct-12	Carl Moyer 2011	1	4.24	4.24	0.25	0.25

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8424-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Oct-12	Carl Moyer 2011	1	2.40	2.40	0.20	0.20
C-7960-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Oct-12	Carl Moyer 2011	1	3.52	3.52	0.15	0.15
C-8581-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Oct-12	Carl Moyer 2011	1	2.46	2.46	0.14	0.14
C-8778-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Oct-12	Carl Moyer 2011	1	2.37	2.37	0.13	0.13
C-7440-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Oct-12	Carl Moyer 2011	1	6.93	6.93	0.30	0.30
C-8597-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Oct-12	Carl Moyer 2011	1	40.94	40.94	1.65	1.65
C-8676-A	Off-Road	Vehicle Replacement	Wheel Loader	10	19-Oct-12	Carl Moyer 2011	1	10.47	10.47	0.53	0.53
C-7877-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Oct-12	Carl Moyer 2011	1	3.72	3.72	0.23	0.23
C-7640-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Oct-12	Carl Moyer 2011	1	10.11	10.11	0.44	0.44
C-7645-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-Oct-12	Carl Moyer 2011	1	4.08	4.08	0.35	0.35
C-8168-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Oct-12	Carl Moyer 2011	1	14.02	14.02	0.59	0.59
C-8148-A	Off-Road	Vehicle Replacement	Harvester	10	10-Oct-12	Carl Moyer 2011	1	7.89	7.89	0.44	0.44
C-7818-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	04-Oct-12	Carl Moyer 2011	1	3.83	3.83	0.23	0.23
C-7857-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	04-Oct-12	Carl Moyer 2011	1	2.76	2.76	0.12	0.12
C-8983-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	04-Oct-12	Carl Moyer 2011	1	3.15	3.15	0.26	0.26
C-8164-A	Off-Road	Vehicle Replacement	Wheel Loader	10	03-Oct-12	Carl Moyer 2011	1	9.11	9.11	0.50	0.50
C-8930-A	Off-Road	Vehicle Replacement	Wheel Loader	10	02-Oct-12	Carl Moyer 2011	1	8.59	8.59	0.70	0.70
C-8867-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Sep-12	Carl Moyer 2011	1	10.05	10.05	0.44	0.44
C-7481-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Sep-12	Carl Moyer 2011	1	0.24	0.24	0.01	0.01
C-7577-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Sep-12	Carl Moyer 2011	1	2.96	2.96	0.20	0.20
C-8060-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Sep-12	Carl Moyer 2011	1	17.42	17.42	0.77	0.77
C-8128-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Sep-12	Carl Moyer 2011	1	2.77	2.77	0.17	0.17
C-8130-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Sep-12	Carl Moyer 2011	1	1.85	1.85	0.16	0.16
C-8179-A	Off-Road	Vehicle Replacement	Wheel Loader	10	27-Sep-12	Carl Moyer 2011	1	3.74	3.74	0.22	0.22
C-8200-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Sep-12	Carl Moyer 2011	1	4.99	4.99	0.25	0.25
C-7581-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Sep-12	Carl Moyer 2011	1	3.11	3.11	0.16	0.16
C-8125-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Sep-12	Carl Moyer 2011	1	1.94	1.94	0.13	0.13
C-8447-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Sep-12	Carl Moyer 2011	1	5.52	5.52	0.37	0.37
C-8455-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Sep-12	Carl Moyer 2011	1	5.52	5.52	0.37	0.37
C-8705-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Sep-12	Carl Moyer 2011	1	15.51	15.51	0.68	0.68
C-7837-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Sep-12	Carl Moyer 2011	1	3.74	3.74	0.23	0.23
C-7923-A	Off-Road	Vehicle Replacement	Wheel Loader	10	20-Sep-12	Carl Moyer 2011	1	2.46	2.46	0.13	0.13
C-8910-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-12	Carl Moyer 2011	1	1.04	1.04	0.05	0.05
C-7882-A	Off-Road	Vehicle Replacement	Wheel Loader	10	19-Sep-12	Carl Moyer 2011	1	15.04	15.04	0.72	0.72
C-8848-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Sep-12	Carl Moyer 2011	1	2.06	2.06	0.17	0.17
C-9145-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Sep-12	Carl Moyer 2011	1	4.88	4.88	0.21	0.21
C-7505-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Sep-12	Carl Moyer 2011	1	2.97	2.97	0.13	0.13
C-8142-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Sep-12	Carl Moyer 2011	1	1.13	1.13	0.05	0.05
C-8360-A	Off-Road	Vehicle Replacement	Wheel Loader	10	13-Sep-12	Carl Moyer 2011	1	14.07	14.07	0.84	0.84
C-8592-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Sep-12	Carl Moyer 2011	1	12.28	12.28	0.54	0.54
C-8975-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Sep-12	Carl Moyer 2011	1	4.50	4.50	0.19	0.19
C-8600-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Sep-12	Carl Moyer 2011	1	4.64	4.64	0.19	0.19
C-8143-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Sep-12	Carl Moyer 2011	1	2.92	2.92	0.15	0.15
C-7913-A	Off-Road	Vehicle Replacement	Wheel Loader	10	10-Sep-12	Carl Moyer 2011	1	7.57	7.57	0.34	0.34
C-7639-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Sep-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7576-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Sep-12	Carl Moyer 2011	1	5.60	5.60	0.25	0.25

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8721-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Sep-12	Carl Moyer 2011	1	7.29	7.29	0.59	0.59
C-7498-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Sep-12	Carl Moyer 2011	1	3.80	3.80	0.23	0.23
C-8255-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Sep-12	Carl Moyer 2011	1	0.17	0.17	0.04	0.04
C-8256-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Sep-12	Carl Moyer 2011	1	0.17	0.17	0.04	0.04
C-8257-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Sep-12	Carl Moyer 2011	1	0.17	0.17	0.04	0.04
C-8209-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	04-Sep-12	Carl Moyer 2011	1	3.53	3.53	0.15	0.15
C-7385-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Aug-12	Carl Moyer 2011	1	5.65	5.65	0.18	0.18
C-7921-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Aug-12	Carl Moyer 2011	1	6.74	6.74	0.34	0.34
C-8603-A	Off-Road	Vehicle Replacement	Wheel Loader	10	31-Aug-12	Carl Moyer 2011	1	13.18	13.18	0.67	0.67
C-8652-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Aug-12	Carl Moyer 2011	1	2.22	2.22	0.15	0.15
C-8815-A	Off-Road	Vehicle Replacement	Wheel Loader	10	31-Aug-12	Carl Moyer 2011	1	12.11	12.11	0.61	0.61
C-8834-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Aug-12	Carl Moyer 2011	1	3.90	3.90	0.16	0.16
C-8375-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Aug-12	Carl Moyer 2011	1	4.82	4.82	0.24	0.24
C-5689-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Aug-12	Carl Moyer 2011	1	0.42	0.42	0.06	0.06
C-7809-A	Off-Road	Vehicle Replacement	Wheel Loader	10	29-Aug-12	Carl Moyer 2011	1	6.73	6.73	0.55	0.55
C-8874-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Aug-12	Carl Moyer 2011	1	2.41	2.41	0.21	0.21
C-7164-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Aug-12	Carl Moyer 2011	1	11.17	11.17	0.47	0.47
C-7167-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Aug-12	Carl Moyer 2011	1	12.94	12.94	0.55	0.55
C-7925-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Aug-12	Carl Moyer 2011	1	7.37	7.37	0.33	0.33
C-8746-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Aug-12	Carl Moyer 2011	1	1.77	1.77	0.12	0.12
C-8748-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Aug-12	Carl Moyer 2011	1	3.91	3.91	0.27	0.27
C-8041-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Aug-12	Carl Moyer 2011	1	6.12	6.12	0.28	0.28
C-7891-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Aug-12	Carl Moyer 2011	1	12.74	12.74	0.64	0.64
C-7446-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Aug-12	Carl Moyer 2011	1	3.68	3.68	0.19	0.19
C-7454-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Aug-12	Carl Moyer 2011	1	2.52	2.52	0.13	0.13
C-7719-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Aug-12	Carl Moyer 2011	1	3.01	3.01	0.15	0.15
C-7735-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Aug-12	Carl Moyer 2011	1	12.22	12.22	0.54	0.54
C-8068-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Aug-12	Carl Moyer 2011	1	5.03	5.03	0.32	0.32
C-8207-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Aug-12	Carl Moyer 2011	1	4.20	4.20	0.21	0.21
C-8814-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Aug-12	Carl Moyer 2011	1	3.74	3.74	0.22	0.22
C-8146-A	Off-Road	Vehicle Replacement	Wheel Loader	10	20-Aug-12	Carl Moyer 2011	1	5.15	5.15	0.22	0.22
C-8861-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Aug-12	Carl Moyer 2011	1	3.71	3.71	0.19	0.19
C-8766-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Aug-12	Carl Moyer 2011	1	5.29	5.29	0.35	0.35
C-7439-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Aug-12	Carl Moyer 2011	1	1.64	1.64	0.09	0.09
C-8832-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Aug-12	Carl Moyer 2011	1	44.32	44.32	1.94	1.94
C-8618-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Aug-12	Carl Moyer 2011	1	2.65	2.65	0.11	0.11
C-8620-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Aug-12	Carl Moyer 2011	1	2.65	2.65	0.11	0.11
C-8327-A	Off-Road	Vehicle Replacement	Agricultural Backhoe	10	08-Aug-12	Carl Moyer 2011	1	4.08	4.08	0.36	0.36
C-8518-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Aug-12	Carl Moyer 2011	1	0.68	0.68	0.15	0.15
C-8596-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	03-Aug-12	Carl Moyer 2011	1	12.07	12.07	0.53	0.53
C-8725-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	03-Aug-12	Carl Moyer 2011	1	1.06	1.06	0.25	0.25
C-8860-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	03-Aug-12	Carl Moyer 2011	1	4.36	4.36	0.18	0.18
C-8742-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	01-Aug-12	Carl Moyer 2011	1	3.20	3.20	0.16	0.16
C-8235-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Jul-12	Carl Moyer 2011	1	4.87	4.87	0.30	0.30
C-8608-A	Off-Road	Vehicle Replacement	Wheel Loader	10	27-Jul-12	Carl Moyer 2011	1	2.69	2.69	0.13	0.13
C-7528-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Jul-12	Carl Moyer 2011	1	3.36	3.36	0.21	0.21

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8461-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Jul-12	Carl Moyer 2011	1	3.71	3.71	0.25	0.25
C-8253-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Jul-12	Carl Moyer 2011	1	0.33	0.33	0.08	0.08
C-8254-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Jul-12	Carl Moyer 2011	1	0.33	0.33	0.08	0.08
C-8749-A	Off-Road	Vehicle Replacement	Wheel Loader	10	23-Jul-12	Carl Moyer 2011	1	6.53	6.53	0.32	0.32
C-8217-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jul-12	Carl Moyer 2011	1	2.10	2.10	0.12	0.12
C-8555-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Jul-12	Carl Moyer 2011	1	1.12	1.12	0.07	0.07
C-8180-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jul-12	Carl Moyer 2011	1	7.27	7.27	0.44	0.44
C-8577-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jul-12	Carl Moyer 2011	1	6.35	6.35	0.27	0.27
C-7765-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Jul-12	Carl Moyer 2011	1	3.05	3.05	0.21	0.21
C-7771-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Jul-12	Carl Moyer 2011	1	1.93	1.93	0.13	0.13
C-7838-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Jul-12	Carl Moyer 2011	1	12.62	12.62	0.61	0.61
C-8126-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Jul-12	Carl Moyer 2011	1	1.54	1.54	0.08	0.08
C-8132-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Jul-12	Carl Moyer 2011	1	1.83	1.83	0.12	0.12
C-8135-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Jul-12	Carl Moyer 2011	1	2.79	2.79	0.19	0.19
C-7889-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Jul-12	Carl Moyer 2011	1	9.06	9.06	0.55	0.55
C-7892-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Jul-12	Carl Moyer 2011	1	6.48	6.48	0.39	0.39
C-8590-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Jul-12	Carl Moyer 2011	1	8.18	8.18	0.30	0.30
C-8908-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Jul-12	Carl Moyer 2011	1	22.07	22.07	0.97	0.97
C-7858-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jul-12	Carl Moyer 2011	1	3.75	3.75	0.24	0.24
C-7859-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jul-12	Carl Moyer 2011	1	4.74	4.74	0.32	0.32
C-8607-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jul-12	Carl Moyer 2011	1	7.97	7.97	0.50	0.50
C-8696-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jul-12	Carl Moyer 2011	1	8.54	8.54	0.51	0.51
C-8522-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	03-Jul-12	Carl Moyer 2011	1	3.02	3.02	0.17	0.17
C-7854-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	02-Jul-12	Carl Moyer 2011	1	8.11	8.11	0.29	0.29
C-8121-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Jun-12	Carl Moyer 2011	1	26.42	26.42	1.06	1.06
C-8145-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Jun-12	Carl Moyer 2011	1	0.68	0.68	0.04	0.04
C-8412-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Jun-12	Carl Moyer 2011	1	3.72	3.72	0.32	0.32
C-8428-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Jun-12	Carl Moyer 2011	1	5.60	5.60	0.28	0.28
C-8946-A	Off-Road	Vehicle Replacement	Sprayers	10	28-Jun-12	Carl Moyer 2011	1	13.98	13.98	0.55	0.55
C-8973-A	Off-Road	Vehicle Replacement	Wheel Loader	10	28-Jun-12	Carl Moyer 2011	1	15.65	15.65	0.94	0.94
C-8710-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Jun-12	Carl Moyer 2011	1	1.54	1.54	0.20	0.20
C-8540-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Jun-12	Carl Moyer 2011	1	4.07	4.07	0.28	0.28
C-8639-A	Off-Road	Vehicle Replacement	Almond Sweeper	10	26-Jun-12	Carl Moyer 2011	1	2.91	2.91	0.16	0.16
C-8626-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Jun-12	Carl Moyer 2011	1	6.26	6.26	0.32	0.32
C-8571-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Jun-12	Carl Moyer 2011	1	6.82	6.82	0.42	0.42
C-8184-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jun-12	Carl Moyer 2011	1	5.90	5.90	0.25	0.25
C-8258-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jun-12	Carl Moyer 2011	1	3.57	3.57	0.18	0.18
C-8260-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jun-12	Carl Moyer 2011	1	2.04	2.04	0.10	0.10
C-8262-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jun-12	Carl Moyer 2011	1	1.86	1.86	0.09	0.09
C-8263-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jun-12	Carl Moyer 2011	1	0.79	0.79	0.04	0.04
C-8265-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jun-12	Carl Moyer 2011	1	2.56	2.56	0.17	0.17
C-8267-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jun-12	Carl Moyer 2011	1	0.70	0.70	0.05	0.05
C-8268-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jun-12	Carl Moyer 2011	1	1.54	1.54	0.10	0.10
C-8270-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jun-12	Carl Moyer 2011	1	1.64	1.64	0.11	0.11
C-8198-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Jun-12	Carl Moyer 2011	1	3.54	3.54	0.18	0.18
C-8805-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Jun-12	Carl Moyer 2011	1	1.27	1.27	0.05	0.05



Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8950-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Jun-12	Carl Moyer 2011	1	8.98	8.98	0.51	0.51
C-7141-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jun-12	Carl Moyer 2011	1	4.62	4.62	0.25	0.25
C-7864-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jun-12	Carl Moyer 2011	1	10.18	10.18	0.51	0.51
C-8692-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-Jun-12	Carl Moyer 2011	1	11.63	11.63	0.39	0.39
C-8585-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Jun-12	Carl Moyer 2011	1	8.54	8.54	0.42	0.42
C-8572-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Jun-12	Carl Moyer 2011	1	2.56	2.56	0.14	0.14
C-7243-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Jun-12	Carl Moyer 2011	1	23.73	23.73	1.17	1.17
C-8483-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Jun-12	Carl Moyer 2011	0.95	2.49	2.37	0.17	0.16
C-8485-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Jun-12	Carl Moyer 2011	0.95	2.28	2.17	0.16	0.15
C-8491-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Jun-12	Carl Moyer 2011	0.95	2.35	2.23	0.16	0.15
C-8494-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Jun-12	Carl Moyer 2011	0.95	2.05	1.95	0.14	0.13
C-8495-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Jun-12	Carl Moyer 2011	0.95	0.68	0.65	0.05	0.05
C-8501-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Jun-12	Carl Moyer 2011	0.95	2.82	2.68	0.19	0.18
C-7607-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7608-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7609-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7610-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7611-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7612-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.12	0.12	0.03	0.03
C-7613-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7614-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7615-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7616-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7618-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7620-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7623-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7624-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7625-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7626-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7627-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7628-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7629-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7630-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7632-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7634-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7635-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7636-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7638-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-8436-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Jun-12	Carl Moyer 2011	1	4.64	4.64	0.29	0.29
C-8673-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Jun-12	Carl Moyer 2011	1	3.19	3.19	0.17	0.17
C-7480-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-May-12	Carl Moyer 2011	1	5.11	5.11	0.32	0.32
C-7895-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-May-12	Carl Moyer 2011	1	9.07	9.07	0.46	0.46
C-7898-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-May-12	Carl Moyer 2011	1	8.26	8.26	0.42	0.42
C-8050-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-May-12	Carl Moyer 2011	1	13.69	13.69	0.43	0.43
C-8053-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-May-12	Carl Moyer 2011	1	8.91	8.91	0.53	0.53
C-8054-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-May-12	Carl Moyer 2011	1	8.91	8.91	0.53	0.53

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8948-A	Off-Road	Vehicle Replacement	Wheel Loader	10	31-May-12	Carl Moyer 2011	1	4.93	4.93	0.26	0.26
C-8215-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	1	7.84	7.84	0.40	0.40
C-8435-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	1	1.13	1.13	0.14	0.14
C-8477-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	0.95	0.09	0.09	0.02	0.02
C-8478-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	0.95	2.32	2.20	0.13	0.12
C-8479-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	0.95	0.14	0.13	0.03	0.03
C-8480-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	0.95	0.09	0.09	0.02	0.02
C-8482-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	0.95	0.14	0.13	0.03	0.03
C-8486-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	0.95	1.75	1.66	0.10	0.10
C-8488-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	0.95	1.55	1.47	0.08	0.08
C-8490-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	0.95	1.38	1.31	0.08	0.08
C-8502-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-May-12	Carl Moyer 2011	0.95	0.59	0.56	0.03	0.03
C-8324-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-May-12	Carl Moyer 2011	1	3.46	3.46	0.20	0.20
C-8711-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-May-12	Carl Moyer 2011	1	0.82	0.82	0.04	0.04
C-8831-A	Off-Road	Vehicle Replacement	Wheel Loader	10	27-May-12	Carl Moyer 2011	1	9.46	9.46	0.40	0.40
C-8368-A	Off-Road	Vehicle Replacement	Almond Sweeper	10	25-May-12	Carl Moyer 2011	1	2.77	2.77	0.16	0.16
C-7583-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7584-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7585-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7587-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7590-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7594-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7597-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7600-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7602-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.09	0.09	0.02	0.02
C-7603-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.12	0.12	0.02	0.02
C-7604-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7605-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7606-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7631-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-7633-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-May-12	Carl Moyer 2011	1	0.06	0.06	0.02	0.02
C-8389-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-May-12	Carl Moyer 2011	1	1.13	1.13	0.14	0.14
C-8390-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-May-12	Carl Moyer 2011	1	1.13	1.13	0.14	0.14
C-8394-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-May-12	Carl Moyer 2011	1	3.23	3.23	0.18	0.18
C-8431-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-May-12	Carl Moyer 2011	1	1.13	1.13	0.14	0.14
C-7699-A	Off-Road	Vehicle Replacement	Wheel Loader	10	17-May-12	Carl Moyer 2011	1	4.03	4.03	0.22	0.22
C-8757-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-May-12	Carl Moyer 2011	1	6.55	6.55	0.28	0.28
C-8787-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-May-12	Carl Moyer 2011	1	5.26	5.26	0.35	0.35
C-7147-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-May-12	Carl Moyer 2011	1	23.93	23.93	0.79	0.79
C-7151-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-May-12	Carl Moyer 2011	1	9.08	9.08	0.29	0.29
C-7159-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-May-12	Carl Moyer 2011	1	20.85	20.85	0.76	0.76
C-8587-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-May-12	Carl Moyer 2011	1	11.07	11.07	0.57	0.57
C-8218-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-May-12	Carl Moyer 2011	1	2.90	2.90	0.17	0.17
C-8593-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-May-12	Carl Moyer 2011	1	7.48	7.48	0.38	0.38
C-8924-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-May-12	Carl Moyer 2011	1	2.49	2.49	0.19	0.19
C-8670-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-May-12	Carl Moyer 2011	1	5.89	5.89	0.30	0.30

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-7271-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	03-May-12	Carl Moyer 2011	1	2.87	2.87	0.15	0.15
C-8178-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	01-May-12	Carl Moyer 2011	1	8.72	8.72	0.44	0.44
C-8584-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	01-May-12	Carl Moyer 2011	1	5.88	5.88	0.26	0.26
C-8048-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Apr-12	Carl Moyer 2011	1	7.50	7.50	0.42	0.42
C-8093-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Apr-12	Carl Moyer 2011	1	8.22	8.22	0.47	0.47
C-8104-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Apr-12	Carl Moyer 2011	1	7.17	7.17	0.38	0.38
C-8119-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Apr-12	Carl Moyer 2011	1	4.27	4.27	0.24	0.24
C-8717-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Apr-12	Carl Moyer 2011	1	6.20	6.20	0.33	0.33
C-8718-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Apr-12	Carl Moyer 2011	1	5.95	5.95	0.31	0.31
C-8432-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Apr-12	Carl Moyer 2011	1	4.44	4.44	0.19	0.19
C-7554-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	4.27	4.27	0.26	0.26
C-7721-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.03	0.03	0.02	0.02
C-7722-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.05	0.05	0.02	0.02
C-7724-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.05	0.05	0.02	0.02
C-7725-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.05	0.05	0.02	0.02
C-7726-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.05	0.05	0.02	0.02
C-7728-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.05	0.05	0.02	0.02
C-7730-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.04	0.04	0.02	0.02
C-7731-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.04	0.04	0.02	0.02
C-7733-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.04	0.04	0.02	0.02
C-7734-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Apr-12	Carl Moyer 2011	1	0.05	0.05	0.02	0.02
C-8553-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Apr-12	Carl Moyer 2011	1	8.31	8.31	0.27	0.27
C-8680-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Apr-12	Carl Moyer 2011	1	10.86	10.86	0.39	0.39
C-8208-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Apr-12	Carl Moyer 2011	1	2.21	2.21	0.13	0.13
C-4907-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Apr-12	Carl Moyer 2011	1	6.20	6.20	0.41	0.41
C-8817-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Apr-12	Carl Moyer 2011	1	7.44	7.44	0.32	0.32
C-8819-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Apr-12	Carl Moyer 2011	1	4.22	4.22	0.24	0.24
C-8820-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Apr-12	Carl Moyer 2011	1	4.22	4.22	0.24	0.24
C-8821-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Apr-12	Carl Moyer 2011	1	4.22	4.22	0.24	0.24
C-8823-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Apr-12	Carl Moyer 2011	1	5.73	5.73	0.33	0.33
C-8109-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Apr-12	Carl Moyer 2011	1	10.44	10.44	0.71	0.71
C-7449-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Apr-12	Carl Moyer 2011	1	4.26	4.26	0.26	0.26
C-7381-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Apr-12	Carl Moyer 2011	1	10.49	10.49	0.53	0.53
C-8556-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Apr-12	Carl Moyer 2011	1	16.88	16.88	0.69	0.69
C-8567-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Apr-12	Carl Moyer 2011	1	7.93	7.93	0.40	0.40
C-8775-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Apr-12	Carl Moyer 2011	1	8.24	8.24	0.35	0.35
C-7917-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Apr-12	Carl Moyer 2011	1	3.67	3.67	0.19	0.19
C-8374-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Apr-12	Carl Moyer 2011	1	13.80	13.80	0.70	0.70
C-8788-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Apr-12	Carl Moyer 2011	1	5.19	5.19	0.23	0.23
C-8790-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Apr-12	Carl Moyer 2011	1	1.12	1.12	0.28	0.28
C-7508-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Apr-12	Carl Moyer 2011	1	0.82	0.82	0.04	0.04
C-7828-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Apr-12	Carl Moyer 2011	1	4.71	4.71	0.27	0.27
C-8520-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Apr-12	Carl Moyer 2011	1	6.54	6.54	0.34	0.34
C-8441-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Apr-12	Carl Moyer 2011	1	3.80	3.80	0.21	0.21
C-8675-A	Off-Road	Vehicle Replacement	Wheel Loader	10	05-Apr-12	Carl Moyer 2011	1	17.00	17.00	0.55	0.55
C-7172-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Mar-12	Carl Moyer 2011	1	6.09	6.09	0.27	0.27

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-7247-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Mar-12	Carl Moyer 2011	1	14.52	14.52	0.53	0.53
C-8785-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Mar-12	Carl Moyer 2011	1	3.48	3.48	0.14	0.14
C-8945-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Mar-12	Carl Moyer 2011	1	3.60	3.60	0.16	0.16
C-8988-A	Off-Road	Vehicle Replacement	Wheel Loader	10	30-Mar-12	Carl Moyer 2011	1	4.09	4.09	0.21	0.21
C-8202-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Mar-12	Carl Moyer 2011	1	7.37	7.37	0.37	0.37
C-8204-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Mar-12	Carl Moyer 2011	1	6.05	6.05	0.31	0.31
C-8671-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Mar-12	Carl Moyer 2011	1	51.26	51.26	2.48	2.48
C-8289-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Mar-12	Carl Moyer 2011	1	5.90	5.90	0.33	0.33
C-8293-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Mar-12	Carl Moyer 2011	1	5.79	5.79	0.40	0.40
C-8371-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Mar-12	Carl Moyer 2011	1	11.91	11.91	0.43	0.43
C-7539-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Mar-12	Carl Moyer 2011	1	3.16	3.16	0.14	0.14
C-7540-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Mar-12	Carl Moyer 2011	1	3.16	3.16	0.14	0.14
C-7541-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Mar-12	Carl Moyer 2011	1	3.81	3.81	0.17	0.17
C-7799-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Mar-12	Carl Moyer 2011	1	7.51	7.51	0.38	0.38
C-7744-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Mar-12	Carl Moyer 2011	0.9	11.35	10.22	0.48	0.43
C-7745-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Mar-12	Carl Moyer 2011	1	7.32	7.32	0.31	0.31
C-7746-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Mar-12	Carl Moyer 2011	0.9	7.18	6.46	0.30	0.27
C-8315-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Mar-12	Carl Moyer 2011	1	7.06	7.06	0.31	0.31
C-8318-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Mar-12	Carl Moyer 2011	1	6.42	6.42	0.28	0.28
C-8210-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Mar-12	Carl Moyer 2011	1	1.41	1.41	0.08	0.08
C-8774-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Mar-12	Carl Moyer 2011	1	23.53	23.53	0.97	0.97
C-7289-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Mar-12	Carl Moyer 2011	1	8.60	8.60	0.43	0.43
C-7290-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Mar-12	Carl Moyer 2011	1	9.16	9.16	0.46	0.46
C-8304-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-Mar-12	Carl Moyer 2011	1	7.84	7.84	0.35	0.35
C-8986-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-Mar-12	Carl Moyer 2011	1	10.75	10.75	0.54	0.54
C-8042-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Mar-12	Carl Moyer 2011	1	0.13	0.13	0.03	0.03
C-8043-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Mar-12	Carl Moyer 2011	1	0.32	0.32	0.06	0.06
C-8419-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Mar-12	Carl Moyer 2011	1	3.70	3.70	0.11	0.11
C-7747-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Mar-12	Carl Moyer 2011	0.9	7.13	6.42	0.30	0.27
C-8453-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Mar-12	Carl Moyer 2011	1	36.07	36.07	1.57	1.57
C-8699-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Mar-12	Carl Moyer 2011	1	3.62	3.62	0.18	0.18
C-7737-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Mar-12	Carl Moyer 2011	1	3.05	3.05	0.19	0.19
C-8586-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Mar-12	Carl Moyer 2011	1	32.87	32.87	1.15	1.15
C-8715-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Mar-12	Carl Moyer 2011	1	8.49	8.49	0.43	0.43
C-7885-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Mar-12	Carl Moyer 2011	1	8.54	8.54	0.43	0.43
C-8582-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Mar-12	Carl Moyer 2011	1	7.74	7.74	0.34	0.34
C-7866-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Mar-12	Carl Moyer 2011	1	4.52	4.52	0.28	0.28
C-7872-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Mar-12	Carl Moyer 2011	1	3.71	3.71	0.23	0.23
C-7875-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Mar-12	Carl Moyer 2011	1	3.89	3.89	0.25	0.25
C-7880-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Mar-12	Carl Moyer 2011	1	0.79	0.79	0.15	0.15
C-7883-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	05-Mar-12	Carl Moyer 2011	1	11.16	11.16	0.49	0.49
C-7526-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	01-Mar-12	Carl Moyer 2011	1	7.74	7.74	0.45	0.45
C-8484-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	01-Mar-12	Carl Moyer 2011	1	11.10	11.10	0.47	0.47
C-8496-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	01-Mar-12	Carl Moyer 2011	1	14.08	14.08	0.62	0.62
C-8845-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	01-Mar-12	Carl Moyer 2011	1	26.17	26.17	0.87	0.87
C-7286-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Feb-12	Carl Moyer 2011	1	5.09	5.09	0.27	0.27

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8619-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Feb-12	Carl Moyer 2011	1	3.94	3.94	0.27	0.27
C-8996-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Feb-12	Carl Moyer 2011	1	9.99	9.99	0.52	0.52
C-8393-A	Off-Road	Vehicle Replacement	Swathers	10	27-Feb-12	Carl Moyer 2011	1	2.62	2.62	0.14	0.14
C-8914-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Feb-12	Carl Moyer 2011	1	7.51	7.51	0.34	0.34
C-8917-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Feb-12	Carl Moyer 2011	1	1.77	1.77	0.80	0.80
C-8703-A	Off-Road	Vehicle Replacement	Forklift	10	24-Feb-12	Carl Moyer 2011	1	1.80	1.80	0.09	0.09
C-8633-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Feb-12	Carl Moyer 2011	1	12.03	12.03	0.80	0.80
C-8636-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Feb-12	Carl Moyer 2011	1	12.03	12.03	0.80	0.80
C-7187-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Feb-12	Carl Moyer 2011	1	3.70	3.70	0.21	0.21
C-8661-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Feb-12	Carl Moyer 2011	1	7.93	7.93	0.39	0.39
C-8406-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Feb-12	Carl Moyer 2011	1	4.34	4.34	0.29	0.29
C-8644-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Feb-12	Carl Moyer 2011	1	8.92	8.92	0.45	0.45
C-8111-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-Feb-12	Carl Moyer 2011	1	7.09	7.09	0.31	0.31
C-8117-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-Feb-12	Carl Moyer 2011	1	9.86	9.86	0.66	0.66
C-8669-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-Feb-12	Carl Moyer 2011	1	9.02	9.02	0.60	0.60
C-4565-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Feb-12	Carl Moyer 2011	1	7.79	7.79	0.34	0.34
C-8866-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Feb-12	Carl Moyer 2011	1	6.66	6.66	0.18	0.18
C-7406-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Feb-12	Carl Moyer 2011	1	10.52	10.52	0.31	0.31
C-7408-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Feb-12	Carl Moyer 2011	1	11.04	11.04	0.33	0.33
C-7474-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Feb-12	Carl Moyer 2011	1	11.04	11.04	0.33	0.33
C-7476-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Feb-12	Carl Moyer 2011	1	13.60	13.60	0.49	0.49
C-7479-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Feb-12	Carl Moyer 2011	1	13.60	13.60	0.49	0.49
C-8739-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Feb-12	Carl Moyer 2011	1	4.74	4.74	0.32	0.32
C-7407-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Feb-12	Carl Moyer 2011	1	14.00	14.00	0.50	0.50
C-7475-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Feb-12	Carl Moyer 2011	1	7.97	7.97	0.54	0.54
C-8187-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Feb-12	Carl Moyer 2011	1	0.60	0.60	0.11	0.11
C-8196-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Feb-12	Carl Moyer 2011	1	0.52	0.52	0.10	0.10
C-7698-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Feb-12	Carl Moyer 2011	1	5.17	5.17	0.22	0.22
C-8457-A	Off-Road	Vehicle Replacement	Ag Tractor Crawler	10	09-Feb-12	Carl Moyer 2011	1	15.38	15.38	0.71	0.71
C-8864-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Feb-12	Carl Moyer 2011	1	5.98	5.98	0.22	0.22
C-7812-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	08-Feb-12	Carl Moyer 2011	1	11.42	11.42	0.38	0.38
C-7767-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Feb-12	Carl Moyer 2011	1	13.71	13.71	0.44	0.44
C-8022-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Feb-12	Carl Moyer 2011	1	6.05	6.05	0.32	0.32
C-8271-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Feb-12	Carl Moyer 2011	1	9.39	9.39	0.39	0.39
C-8275-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Feb-12	Carl Moyer 2011	1	9.39	9.39	0.39	0.39
C-8343-A	Off-Road	Vehicle Replacement	Combine	10	07-Feb-12	Carl Moyer 2011	1	8.47	8.47	0.43	0.43
C-8348-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Feb-12	Carl Moyer 2011	1	11.18	11.18	0.47	0.47
C-8332-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Feb-12	Carl Moyer 2011	1	2.50	2.50	0.18	0.18
C-8335-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Feb-12	Carl Moyer 2011	1	6.52	6.52	0.45	0.45
C-8047-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	02-Feb-12	Carl Moyer 2011	1	7.34	7.34	0.24	0.24
C-8548-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	02-Feb-12	Carl Moyer 2011	1	1.86	1.86	0.10	0.10
C-8723-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	02-Feb-12	Carl Moyer 2011	1	9.12	9.12	0.62	0.62
C-8329-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	01-Feb-12	Carl Moyer 2011	1	9.66	9.66	0.49	0.49
C-8051-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Jan-12	Carl Moyer 2011	1	9.99	9.99	0.68	0.68
C-8350-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Jan-12	Carl Moyer 2011	1	3.43	3.43	0.17	0.17
C-7797-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Jan-12	Carl Moyer 2011	1	10.41	10.41	0.47	0.47

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8201-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Jan-12	Carl Moyer 2011	1	5.41	5.41	0.27	0.27
C-8392-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Jan-12	Carl Moyer 2011	1	1.95	1.95	0.17	0.17
C-8440-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Jan-12	Carl Moyer 2011	1	1.51	1.51	0.08	0.08
C-8442-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Jan-12	Carl Moyer 2011	1	1.88	1.88	0.10	0.10
C-8444-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Jan-12	Carl Moyer 2011	1	3.89	3.89	0.26	0.26
C-8446-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Jan-12	Carl Moyer 2011	1	7.53	7.53	0.38	0.38
C-8448-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Jan-12	Carl Moyer 2011	1	5.74	5.74	0.29	0.29
C-8449-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Jan-12	Carl Moyer 2011	1	6.45	6.45	0.33	0.33
C-8290-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Jan-12	Carl Moyer 2011	1	5.05	5.05	0.27	0.27
C-8756-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Jan-12	Carl Moyer 2011	1	4.83	4.83	0.21	0.21
C-7409-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Jan-12	Carl Moyer 2011	1	15.21	15.21	0.66	0.66
C-7469-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Jan-12	Carl Moyer 2011	1	6.79	6.79	0.46	0.46
C-8340-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Jan-12	Carl Moyer 2011	1	7.42	7.42	0.33	0.33
C-7896-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Jan-12	Carl Moyer 2011	1	6.51	6.51	0.28	0.28
C-8122-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Jan-12	Carl Moyer 2011	1	2.42	2.42	0.15	0.15
C-8509-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Jan-12	Carl Moyer 2011	1	4.33	4.33	0.22	0.22
C-7462-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jan-12	Carl Moyer 2011	1	21.36	21.36	0.95	0.95
C-7463-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jan-12	Carl Moyer 2011	1	12.61	12.61	0.56	0.56
C-7464-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jan-12	Carl Moyer 2011	1	17.61	17.61	0.78	0.78
C-7468-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jan-12	Carl Moyer 2011	1	10.67	10.67	0.48	0.48
C-7660-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jan-12	Carl Moyer 2011	1	12.80	12.80	0.55	0.55
C-8139-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jan-12	Carl Moyer 2011	1	4.77	4.77	0.25	0.25
C-8610-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jan-12	Carl Moyer 2011	1	5.33	5.33	0.36	0.36
C-8611-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Jan-12	Carl Moyer 2011	1	9.99	9.99	0.36	0.36
C-8273-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Jan-12	Carl Moyer 2011	1	6.77	6.77	0.29	0.29
C-8570-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Jan-12	Carl Moyer 2011	1	11.72	11.72	0.50	0.50
C-8747-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Jan-12	Carl Moyer 2011	1	4.21	4.21	0.28	0.28
C-8099-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Jan-12	Carl Moyer 2011	1	6.12	6.12	0.34	0.34
C-8108-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Jan-12	Carl Moyer 2011	1	9.55	9.55	0.55	0.55
C-8115-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12-Jan-12	Carl Moyer 2011	1	9.64	9.64	0.64	0.64
C-7150-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Jan-12	Carl Moyer 2011	1	17.39	17.39	0.88	0.88
C-7430-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Jan-12	Carl Moyer 2011	1	12.22	12.22	0.43	0.43
C-8116-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Jan-12	Carl Moyer 2011	1	10.15	10.15	0.67	0.67
C-8118-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Jan-12	Carl Moyer 2011	1	10.20	10.20	0.68	0.68
C-7839-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jan-12	Carl Moyer 2011	1	5.22	5.22	0.23	0.23
C-7841-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jan-12	Carl Moyer 2011	1	4.57	4.57	0.20	0.20
C-7842-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jan-12	Carl Moyer 2011	1	1.37	1.37	0.06	0.06
C-7845-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jan-12	Carl Moyer 2011	1	13.90	13.90	0.60	0.60
C-7847-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jan-12	Carl Moyer 2011	1	10.29	10.29	0.45	0.45
C-8472-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Jan-12	Carl Moyer 2011	1	10.87	10.87	0.51	0.51
C-7558-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	04-Jan-12	Carl Moyer 2011	1	5.98	5.98	0.40	0.40
C-8079-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	04-Jan-12	Carl Moyer 2011	1	10.75	10.75	0.71	0.71
C-9041-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	03-Jan-12	Carl Moyer 2011	1	4.12	4.12	0.18	0.18
C-8157-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Dec-11	Carl Moyer 2011	1	3.82	3.82	0.17	0.17
C-7383-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Dec-11	Carl Moyer 2011	1	6.81	6.81	0.30	0.30
C-7830-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Dec-11	Carl Moyer 2011	1	36.36	36.36	1.20	1.20

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8103-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Dec-11	Carl Moyer 2011	1	6.97	6.97	0.37	0.37
C-8156-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Dec-11	Carl Moyer 2011	1	6.21	6.21	0.31	0.31
C-8391-A	Off-Road	Vehicle Replacement	Swathers	10	30-Dec-11	Carl Moyer 2011	1	2.85	2.85	0.20	0.20
C-8634-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Dec-11	Carl Moyer 2011	1	8.75	8.75	0.59	0.59
C-8276-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Dec-11	Carl Moyer 2011	1	5.66	5.66	0.60	0.60
C-8416-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Dec-11	Carl Moyer 2011	1	3.38	3.38	0.23	0.23
C-8430-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Dec-11	Carl Moyer 2011	1	3.37	3.37	0.23	0.23
C-8433-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Dec-11	Carl Moyer 2011	1	5.85	5.85	0.30	0.30
C-8437-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Dec-11	Carl Moyer 2011	1	8.74	8.74	0.38	0.38
C-8743-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Dec-11	Carl Moyer 2011	1	0.26	0.26	0.07	0.07
C-8745-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Dec-11	Carl Moyer 2011	1	10.07	10.07	0.67	0.67
C-8750-A	Off-Road	Vehicle Replacement	Wheel Loader	10	29-Dec-11	Carl Moyer 2011	1	11.79	11.79	0.78	0.78
C-9037-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Dec-11	Carl Moyer 2011	1	0.28	0.28	0.04	0.04
C-8339-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-11	Carl Moyer 2011	1	5.36	5.36	0.23	0.23
C-8498-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-11	Carl Moyer 2011	1	4.45	4.45	0.20	0.20
C-8500-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-11	Carl Moyer 2011	1	6.48	6.48	0.37	0.37
C-8954-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Dec-11	Carl Moyer 2011	1	5.01	5.01	0.28	0.28
C-8219-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-11	Carl Moyer 2011	1	0.32	0.32	0.07	0.07
C-8221-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-11	Carl Moyer 2011	1	0.32	0.32	0.07	0.07
C-8222-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-11	Carl Moyer 2011	1	0.27	0.27	0.06	0.06
C-8355-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Dec-11	Carl Moyer 2011	1	4.14	4.14	0.23	0.23
C-8690-A	Off-Road	Vehicle Replacement	Wheel Loader	10	27-Dec-11	Carl Moyer 2011	1	30.70	30.70	1.01	1.01
C-8853-A	Off-Road	Vehicle Replacement	Wheel Loader	10	27-Dec-11	Carl Moyer 2011	1	7.08	7.08	0.36	0.36
C-7646-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Dec-11	Carl Moyer 2011	1	4.62	4.62	0.25	0.25
C-8112-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Dec-11	Carl Moyer 2011	1	0.64	0.64	0.16	0.16
C-8114-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Dec-11	Carl Moyer 2011	1	0.64	0.64	0.16	0.16
C-8741-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Dec-11	Carl Moyer 2011	1	0.77	0.77	0.22	0.22
C-8420-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Dec-11	Carl Moyer 2011	1	3.44	3.44	0.15	0.15
C-7743-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Dec-11	Carl Moyer 2011	1	6.59	6.59	0.30	0.30
C-8445-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Dec-11	Carl Moyer 2011	1	6.61	6.61	0.33	0.33
C-8244-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Dec-11	Carl Moyer 2011	1	0.42	0.42	0.08	0.08
C-8527-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Dec-11	Carl Moyer 2011	1	4.27	4.27	0.22	0.22
C-8662-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Dec-11	Carl Moyer 2011	1	8.85	8.85	0.38	0.38
C-7239-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	16-Dec-11	Carl Moyer 2011	1	12.21	12.21	0.62	0.62
C-8158-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Dec-11	Carl Moyer 2011	1	37.91	37.91	1.28	1.28
C-8160-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Dec-11	Carl Moyer 2011	1	48.90	48.90	2.22	2.22
C-8336-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Dec-11	Carl Moyer 2011	1	0.40	0.40	0.09	0.09
C-8349-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	14-Dec-11	Carl Moyer 2011	1	0.40	0.40	0.09	0.09
C-8783-A	Off-Road	Vehicle Replacement	Wheel Loader	10	14-Dec-11	Carl Moyer 2011	1	19.87	19.87	0.71	0.71
C-7461-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Dec-11	Carl Moyer 2011	1	27.01	27.01	1.20	1.20
C-7659-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Dec-11	Carl Moyer 2011	1	14.73	14.73	0.64	0.64
C-7720-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Dec-11	Carl Moyer 2011	1	12.42	12.42	0.52	0.52
C-8282-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Dec-11	Carl Moyer 2011	1	30.07	30.07	1.03	1.03
C-8285-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Dec-11	Carl Moyer 2011	1	12.53	12.53	0.40	0.40
C-8287-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Dec-11	Carl Moyer 2011	1	19.70	19.70	0.67	0.67
C-8292-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Dec-11	Carl Moyer 2011	1	7.91	7.91	0.40	0.40

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8052-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Dec-11	Carl Moyer 2011	1	2.39	2.39	0.31	0.31
C-8055-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Dec-11	Carl Moyer 2011	1	5.45	5.45	0.30	0.30
C-8624-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Dec-11	Carl Moyer 2011	1	7.63	7.63	0.21	0.21
C-7507-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Dec-11	Carl Moyer 2011	1	12.22	12.22	0.43	0.43
C-8370-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Dec-11	Carl Moyer 2011	1	6.10	6.10	0.26	0.26
C-8574-A	Off-Road	Vehicle Replacement	Wheel Loader	10	06-Dec-11	Carl Moyer 2011	1	11.27	11.27	0.34	0.34
C-8576-A	Off-Road	Vehicle Replacement	Wheel Loader	10	06-Dec-11	Carl Moyer 2011	1	22.03	22.03	0.80	0.80
C-8462-A	Off-Road	Vehicle Replacement	Wheel Loader	10	05-Dec-11	Carl Moyer 2011	1	6.40	6.40	0.29	0.29
C-8137-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	02-Dec-11	Carl Moyer 2011	1	8.76	8.76	0.24	0.24
C-7890-A	Off-Road	Vehicle Replacement	Wheel Loader	10	01-Dec-11	Carl Moyer 2011	1	1.73	1.73	0.06	0.06
C-8155-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	01-Dec-11	Carl Moyer 2011	1	14.27	14.27	0.63	0.63
C-7876-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Nov-11	Carl Moyer 2011	1	37.51	37.51	1.65	1.65
C-8283-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Nov-11	Carl Moyer 2011	1	4.35	4.35	0.25	0.25
C-7404-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Nov-11	Carl Moyer 2011	1	24.49	24.49	1.07	1.07
C-8133-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Nov-11	Carl Moyer 2011	1	12.81	12.81	0.42	0.42
C-7563-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Nov-11	Carl Moyer 2011	1	14.09	14.09	0.51	0.51
C-7564-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Nov-11	Carl Moyer 2011	1	14.09	14.09	0.51	0.51
C-7372-A	Off-Road	Vehicle Replacement	Wheel Loader	10	22-Nov-11	Carl Moyer 2011	1	8.59	8.59	0.25	0.25
C-8383-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	7.51	7.51	0.38	0.38
C-8623-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	9.77	9.77	0.49	0.49
C-8674-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	4.31	4.31	0.29	0.29
C-8681-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	4.37	4.37	0.29	0.29
C-8683-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	4.37	4.37	0.29	0.29
C-8687-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	4.37	4.37	0.29	0.29
C-8691-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	7.76	7.76	0.39	0.39
C-8693-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	8.43	8.43	0.43	0.43
C-8694-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	4.37	4.37	0.29	0.29
C-8695-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	4.31	4.31	0.29	0.29
C-8697-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	22-Nov-11	Carl Moyer 2011	1	5.37	5.37	0.36	0.36
C-8418-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	18-Nov-11	Carl Moyer 2011	1	1.92	1.92	0.11	0.11
C-8274-A	Off-Road	Vehicle Replacement	Wheel Loader	10	17-Nov-11	Carl Moyer 2011	1	2.56	2.56	0.08	0.08
C-8468-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Nov-11	Carl Moyer 2011	1	36.07	36.07	1.57	1.57
C-8780-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Nov-11	Carl Moyer 2011	1	6.86	6.86	0.41	0.41
C-8781-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11-Nov-11	Carl Moyer 2011	1	4.58	4.58	0.20	0.20
C-8300-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Nov-11	Carl Moyer 2011	1	8.23	8.23	0.46	0.46
C-8302-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Nov-11	Carl Moyer 2011	1	5.71	5.71	0.34	0.34
C-8308-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Nov-11	Carl Moyer 2011	1	5.71	5.71	0.34	0.34
C-8310-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Nov-11	Carl Moyer 2011	1	5.71	5.71	0.34	0.34
C-8311-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Nov-11	Carl Moyer 2011	1	5.71	5.71	0.34	0.34
C-8313-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Nov-11	Carl Moyer 2011	1	1.06	1.06	0.22	0.22
C-8503-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10-Nov-11	Carl Moyer 2011	1	3.14	3.14	0.21	0.21
C-7465-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Nov-11	Carl Moyer 2011	1	28.29	28.29	1.25	1.25
C-7466-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Nov-11	Carl Moyer 2011	1	26.67	26.67	1.18	1.18
C-7467-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Nov-11	Carl Moyer 2011	1	14.78	14.78	0.66	0.66
C-7470-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Nov-11	Carl Moyer 2011	1	19.22	19.22	0.86	0.86
C-7501-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Nov-11	Carl Moyer 2011	1	28.84	28.84	1.23	1.23



Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-7504-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Nov-11	Carl Moyer 2011	1	31.44	31.44	1.37	1.37
C-7657-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Nov-11	Carl Moyer 2011	1	14.07	14.07	0.61	0.61
C-7658-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	09-Nov-11	Carl Moyer 2011	1	7.14	7.14	0.31	0.31
C-7291-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Oct-11	Carl Moyer 2011	1	8.84	8.84	0.45	0.45
C-7293-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Oct-11	Carl Moyer 2011	1	6.39	6.39	0.43	0.43
C-7472-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Oct-11	Carl Moyer 2011	1	19.57	19.57	1.08	1.08
C-7661-A	Off-Road	Vehicle Replacement	Forklift	10	28-Oct-11	Carl Moyer 2011	1	3.50	3.50	0.19	0.19
C-8317-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	27-Oct-11	Carl Moyer 2011	1	10.30	10.30	0.52	0.52
C-7918-A	Off-Road	Vehicle Replacement	Wheel Loader	10	25-Oct-11	Carl Moyer 2011	1	8.24	8.24	0.26	0.26
C-8531-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	25-Oct-11	Carl Moyer 2011	1	7.04	7.04	0.39	0.39
C-8551-A	Off-Road	Vehicle Replacement	Agricultural Loader	10	25-Oct-11	Carl Moyer 2011	1	7.38	7.38	0.37	0.37
C-7662-A	Off-Road	Vehicle Replacement	Forklift	10	24-Oct-11	Carl Moyer 2011	1	3.50	3.50	0.19	0.19
C-8279-A	Off-Road	Vehicle Replacement	Wheel Loader	10	20-Oct-11	Carl Moyer 2011	1	32.17	32.17	1.15	1.15
C-7473-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	19-Oct-11	Carl Moyer 2011	1	8.89	8.89	0.31	0.31
C-8564-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Oct-11	Carl Moyer 2011	1	0.43	0.43	0.12	0.12
C-8566-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Oct-11	Carl Moyer 2011	1	0.43	0.43	0.12	0.12
C-8568-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Oct-11	Carl Moyer 2011	1	0.43	0.43	0.12	0.12
C-8550-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Oct-11	Carl Moyer 2011	1	7.95	7.95	0.35	0.35
C-8557-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Oct-11	Carl Moyer 2011	1	7.04	7.04	0.31	0.31
C-7502-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Oct-11	Carl Moyer 2011	1	14.27	14.27	0.62	0.62
C-7503-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	06-Oct-11	Carl Moyer 2011	1	18.16	18.16	0.79	0.79
C-8147-A	Off-Road	Vehicle Replacement	Wheel Loader	10	04-Oct-11	Carl Moyer 2011	1	2.50	2.50	0.09	0.09
C-7862-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Sep-11	Carl Moyer 2011	1	0.76	0.76	0.16	0.16
C-8213-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Sep-11	Carl Moyer 2011	1	0.11	0.11	0.03	0.03
C-8214-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Sep-11	Carl Moyer 2011	1	0.11	0.11	0.03	0.03
C-8216-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Sep-11	Carl Moyer 2011	1	0.11	0.11	0.03	0.03
C-8617-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Sep-11	Carl Moyer 2011	1	0.11	0.11	0.03	0.03
C-8510-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	28-Sep-11	Carl Moyer 2011	1	5.00	5.00	0.29	0.29
C-8107-A	Off-Road	Vehicle Replacement	Wheel Loader	10	26-Sep-11	Carl Moyer 2011	1	15.90	15.90	0.80	0.80
C-8768-A	Off-Road	Vehicle Replacement	Wheel Loader	10	26-Sep-11	Carl Moyer 2011	1	5.11	5.11	0.26	0.26
C-8952-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	26-Sep-11	Carl Moyer 2011	1	3.72	3.72	0.25	0.25
C-7772-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Sep-11	Carl Moyer 2011	1	10.80	10.80	0.49	0.49
C-7718-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	21-Sep-11	Carl Moyer 2011	1	6.91	6.91	0.38	0.38
C-7840-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	6.53	6.53	0.33	0.33
C-7843-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	5.39	5.39	0.27	0.27
C-7844-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	3.92	3.92	0.20	0.20
C-7846-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	1.20	1.20	0.06	0.06
C-7848-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	4.06	4.06	0.21	0.21
C-7849-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	7.67	7.67	0.39	0.39
C-7850-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	4.22	4.22	0.21	0.21
C-7851-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	3.36	3.36	0.17	0.17
C-7852-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	6.53	6.53	0.33	0.33
C-7853-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	2.56	2.56	0.08	0.08
C-7860-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	10.59	10.59	0.34	0.34
C-7861-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	4.83	4.83	0.17	0.17
C-7863-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	20-Sep-11	Carl Moyer 2011	1	4.17	4.17	0.15	0.15

Technical Support Document for EPA's Notice of Proposed Rulemaking for the California State Implementation Plan San Joaquin Valley Unified APCD's  
 Rule 9610, SIP Credit for Emission Reductions Generated through Incentive Programs

Project Identification	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	Applicable Guideline	Percent Operation SJV	NOx Lifetime Reduced (tons)	NOx Lifetime Reduced Adjusted Percent Operation (tons)	PM Lifetime Reduced (tons)	PM Lifetime Reduced Adjusted Percent Operation (tons)
C-8127-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Sep-11	Carl Moyer 2011	1	0.70	0.70	0.14	0.14
C-8129-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Sep-11	Carl Moyer 2011	1	0.70	0.70	0.14	0.14
C-8131-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	13-Sep-11	Carl Moyer 2011	1	0.70	0.70	0.14	0.14
C-7113-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	07-Sep-11	Carl Moyer 2011	1	5.56	5.56	0.37	0.37
C-7149-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	02-Sep-11	Carl Moyer 2011	1	17.92	17.92	0.94	0.94
C-8077-A	Off-Road	Vehicle Replacement	Bulk Carrier	10	01-Sep-11	Carl Moyer 2011	1	2.25	2.25	0.11	0.11
C-7146-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	31-Aug-11	Carl Moyer 2011	1	16.94	16.94	0.76	0.76
C-7879-A	Off-Road	Vehicle Replacement	Wheel Loader	10	31-Aug-11	Carl Moyer 2011	1	18.56	18.56	0.59	0.59
C-8836-A	Off-Road	Vehicle Replacement	Wheel Loader	10	31-Aug-11	Carl Moyer 2011	1	7.66	7.66	0.51	0.51
C-7250-A	Off-Road	Vehicle Replacement	Wheel Loader	10	30-Aug-11	Carl Moyer 2011	1	1.51	1.51	0.10	0.10
C-7506-A	Off-Road	Vehicle Replacement	Wheel Loader	10	30-Aug-11	Carl Moyer 2011	1	3.45	3.45	0.17	0.17
C-8560-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	30-Aug-11	Carl Moyer 2011	1	8.35	8.35	0.36	0.36
C-7768-A	Off-Road	Vehicle Replacement	Wheel Loader	10	24-Aug-11	Carl Moyer 2011	1	14.65	14.65	0.74	0.74
C-8291-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	24-Aug-11	Carl Moyer 2011	1	18.35	18.35	0.62	0.62
C-7780-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Aug-11	Carl Moyer 2011	1	3.91	3.91	0.26	0.26
C-7782-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Aug-11	Carl Moyer 2011	1	6.06	6.06	0.27	0.27
C-7783-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Aug-11	Carl Moyer 2011	1	6.06	6.06	0.27	0.27
C-7784-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Aug-11	Carl Moyer 2011	1	5.83	5.83	0.26	0.26
C-7785-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Aug-11	Carl Moyer 2011	1	2.36	2.36	0.10	0.10
C-7786-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Aug-11	Carl Moyer 2011	1	5.48	5.48	0.24	0.24
C-8677-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	23-Aug-11	Carl Moyer 2011	1	1.40	1.40	0.06	0.06
C-7477-A	Off-Road	Vehicle Replacement	Wheel Loader	10	19-Aug-11	Carl Moyer 2011	1	7.36	7.36	0.23	0.23
C-7478-A	Off-Road	Vehicle Replacement	Wheel Loader	10	19-Aug-11	Carl Moyer 2011	1	4.42	4.42	0.14	0.14
C-8493-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Aug-11	Carl Moyer 2011	1	5.00	5.00	0.29	0.29
C-8504-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Aug-11	Carl Moyer 2011	1	5.00	5.00	0.29	0.29
C-8507-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Aug-11	Carl Moyer 2011	1	5.00	5.00	0.29	0.29
C-8508-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Aug-11	Carl Moyer 2011	1	5.41	5.41	0.23	0.23
C-8511-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Aug-11	Carl Moyer 2011	1	4.35	4.35	0.25	0.25
C-8541-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Aug-11	Carl Moyer 2011	1	0.30	0.30	0.04	0.04
C-8542-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	17-Aug-11	Carl Moyer 2011	1	0.39	0.39	0.05	0.05
C-8278-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	15-Aug-11	Carl Moyer 2011	1	27.13	27.13	1.21	1.21
C-7664-A	Off-Road	Vehicle Replacement	Agricultural Tractor	10	29-Jul-11	Carl Moyer 2011	1	1.85	1.85	0.08	0.08