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## APPENDIX C

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# LOCAL AREA SURVEY RESULTS

SITE ID	NAME	COORDINATES
1	Pep Boys Arrow Highway? Montclair, CA	

Operation           Autorepair  
08:00 to 20:00 M through S

Temporal Profile	Hrs	Days	Wks
	12	7	52

**Material/Equipment**

Safety Kleen Degreaser	Gunk Brake Cleaner	Gunk Carb Medic
1 gal/mo	3 gal/mo	3 gal/mo
VOC 7.5 lb/gal	VOC 7.5 lb/gal	VOC 7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	7.5
Agent 2	22.5
Agent 3	22.5
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	52.5 lb/mo
	0.144231 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	1.275	0.02
	Xylene	0.55	4.125	0.08
	Acetone	0.16	1.2	0.02
	Methyl Alcohol	0.12	0.9	0.02
	2-Butoxyethanol			
	Others	0.2	1.5	0.03
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.19
	Ethyl Benzene	0.1	2.25	0.04
	Xylenes	0.45	10.125	0.19
Gunk Brake Cleaner	2-Propanone	0.8	18	0.34
	Carbon Dioxide	0.13	2.925	0.06
	Toluene	0.07	1.575	0.03
Total		SUM	52.425	1.00

SITE ID	NAME	COORDINATES
2	Counter Tops By Heartwood	5063 Arrow Highway
	Montclair, CA	

Operation Woodfinishing

Temporal Profile	Hrs	Days	Wks
	9	5	52

**Material/Equipment**

Denatured Alcohol		Adhesives	
0.083333 gal/mo			gal/mo
VOC	lb/gal	VOC	lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	0
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	0 lb/mo
	0 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	0	#DIV/0!
	Toluene	0.55	0	#DIV/0!
	Acetone	0.16	0	#DIV/0!
	Butyl Benzly Phthalate	0.12	0	#DIV/0!
Thinner	Isopropanol	0.2	0	#DIV/0!
	VM&P Naphtha	0.2	0	#DIV/0!
	Toluene	0.25	0	#DIV/0!
	Ethyl Benzene	0.05	0	#DIV/0!
	Xylene	0.1	0	#DIV/0!
	Isobutyl Alcohol	0.1	0	#DIV/0!
	Acetone	0.1	0	#DIV/0!
Total		SUM	0	#DIV/0!



SITE ID	NAME	COORDINATES
4	Grease Monkey	

Montclair, CA

Operation	Oil and Lube
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Temporal Profile	Hrs	Days	Wks
	10	7	52

**Material/Equipment**

Safety Kleen Degreaser	13 gal/mo
VOC	7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	97.5
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	97.5 lb/mo
	0.321429 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	16.575	0.17
	Xylene	0.55	53.625	0.55
	Acetone	0.16	15.6	0.16
	Methyl Alcohol	0.12	11.7	0.12
	2-Butoxyethanol			
	Others	0.2	0	0.00

Total		SUM	97.5	1.00
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SITE ID                    NAME                    COORDINATES  
                                 5                    Smog Test  
                                                    8938 Monte Vista  
                                                    Montclair, CA

Operation                    Engine Testing

Temporal Profile            Hrs                    Days                    Wks  
                                                    9                    5                    52

**Material/Equipment**

Safety Kleen Degreaser                    Gunk Carb Medic  
                                 2 gal/mo                    3 gal/mo  
VOC                    7.5 lb/gal                    VOC                    7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1                    15  
Agent 2                    22.5  
Agent 3  
Agent 4  
Agent 5  
Agent 6  
Agent 7

Total                    37.5 lb/mo  
                                 0.192308 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	2.55	0.06
	Xylene	0.55	8.25	0.20
	Acetone	0.16	2.4	0.06
	Methyl Alcohol	0.12	1.8	0.04
	2-Butoxyethanol			
	Others	0.2	3	0.07
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.25
	Ethyl Benzene	0.1	2.25	0.06
	Xylenes	0.45	10.125	0.25
Total		SUM	40.5	1.00

SITE ID	NAME	COORDINATES
7	Advanced Cadillac Service 4849 Arrow Highway Montclair, CA	

Operation            Car Repair

Temporal Profile	Hrs	Days	Wks
	8	5	52

**Material/Equipment**

Carb Cleaner            1 gal/mo  
VOC                        7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1                7.5  
Agent 2                0  
Agent 3                0  
Agent 4  
Agent 5  
Agent 6  
Agent 7

Total                7.5 lb/mo  
                          0.043269 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Brake Cleaner	2-Propanone	0.8	6	0.80
	Carbon Dioxide	0.13	0.975	0.13
	Toluene	0.07	0.525	0.07
Total		SUM	7.5	1.00

SITE ID	NAME	COORDINATES
8	Montclair Service Center	4835 Arrow Highway
	Montclair, CA	

Operation            Car service

Temporal Profile	Hrs	Days	Wks
	10	5	52

**Material/Equipment**

Carb Cleaner

1 gal/mo

VOC

7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1            7.5

Agent 2            0

Agent 3            0

Agent 4

Agent 5

Agent 6

Agent 7

Total            7.5 lb/mo

0.034615 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Brake Cleaner	2-Propanone	0.8	6	0.80
	Carbon Dioxide	0.13	0.975	0.13
	Toluene	0.07	0.525	0.07
Total		SUM	7.5	1.00



SITE ID	NAME	COORDINATES
12	Concept Marine 4731 Arrow Highway, Suite B Montclair, CA 91763	

Operation                      Mechanic

Temporal Profile	Hrs	Days	Wks
		9	5      52

**Material/Equipment**

Safety Kleen Degreaser		Gunk Carb Medic	
	1 gal/mo		1 gal/mo
VOC	7.5 lb/gal	VOC	7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	7.5
Agent 2	7.5
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	15 lb/mo
	0.076923 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	1.275	0.08
	Xylene	0.55	4.125	0.25
	Acetone	0.16	1.2	0.07
	Methyl Alcohol	0.12	0.9	0.05
	2-Butoxyethanol			
	Others	0.2	1.5	0.09
Gunk Carb Medic	Methylene Chloride	0.45	3.375	0.20
	Ethyl Benzene	0.1	0.75	0.05
	Xylenes	0.45	3.375	0.20
Total		SUM	16.5	1.00

SITE ID	NAME	COORDINATES
13	JT Automotive Service	4711 Arrow Highway, Suite C
	Montclair, CA 91763	

Operation                      Mechanic

Temporal Profile	Hrs	Days	Wks
		8	5      52

**Material/Equipment**

Gunk Brake Cleaner	3 gal/mo	Gunk Carb Medic	0.5 gal/mo
VOC	7.5 lb/gal	VOC	7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	22.5
Agent 2	3.75
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	26.25 lb/mo
	0.151442 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.39
	Ethyl Benzene	0.1	2.25	0.09
	Xylenes	0.45	10.125	0.39
Gunk Brake Cleaner	2-Propanone	0.8	3	0.12
	Carbon Dioxide	0.13	0.4875	0.02
	Toluene	0.07	0.2625	0.01
Total		SUM	25.9875	1.00

SITE ID	NAME	COORDINATES
14	Sierra Automotive	
	4701 Arrow Highway, Suite D	
	Montclair, CA 91763	

Operation                      Mechanic

Temporal Profile	Hrs	Days	Wks
	8	5	52

**Material/Equipment**

Gunk Carb Medic                      2 gal/mo  
VOC                                      7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1                      15  
Agent 2  
Agent 3  
Agent 4  
Agent 5  
Agent 6  
Agent 7

Total                      15 lb/mo  
                                    0.086538 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	6.75	0.45
	Ethyl Benzene	0.1	1.5	0.10
	Xylenes	0.45	6.75	0.45
Total		SUM	15	1.00

SITE ID	NAME	COORDINATES
16	Arrow Collision Center 4741 Arrow Highway Montclair, CA 91763	

Operation           Autobody and upholstery repair  
08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
	9	5	52

**Material/Equipment**

Paint	20 gal/mo	Lacquer Thinner	5 gal/mo	Top Coat	11 gal/mo
VOC	5.7 lb/gal	VOC	6.59 lb/gal	VOC	5.7 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	114
Agent 2	32.95
Agent 3	62.7
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	209.65 lb/mo
	1.075128 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Paint	MEK	0.17	19.38	0.14
	Toluene	0.55	62.7	0.46
	Acetone	0.16	18.24	0.13
	Butyl Benzly Phthalate	0.12	13.68	0.10
Thinner	Isopropanol	0.2	6.59	0.05
	VM&P Naphtha	0.2	6.59	0.05
	Toluene	0.25	8.2375	0.06
	Ethyl Benzene	0.05	1.6475	0.01
	Xylene	0.1	3.295	0.02
	Isobutyl Alcohol	0.1	3.295	0.02
	Acetone	0.1	3.295	0.02
Top Coat	MEK	0.17	19.38	0.14
	Toluene	0.55	62.7	0.46
	Acetone	0.16	18.24	0.13
	Butyl Benzly Phthalate	0.12	13.68	0.10
Total		SUM	137.065	1.00

SITE ID	NAME	COORDINATES
17	Orr Automotive	
	4711 Arrow Highway, Suite A	
	Montclair, CA	

Operation            Auto Repair

Temporal Profile	Hrs	Days	Wks
	10	5	52

**Material/Equipment**

Gunk Carb Medic            2 gal/mo  
VOC                            7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1                    15  
Agent 2  
Agent 3  
Agent 4  
Agent 5  
Agent 6  
Agent 7

Total                    15 lb/mo  
                              0.069231 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	6.75	0.45
	Ethyl Benzene	0.1	1.5	0.10
	Xylenes	0.45	6.75	0.45
Total		SUM	15	1.00

SITE ID	NAME	COORDINATES
18	Claremont Tire and Auto Center	4711 Arrow Highway, Suite b Montclair, CA 91763

Operation	Autorepair
	08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
		9	5 52

**Material/Equipment**

Safety Kleen Degreaser	Gunk Brake Cleaner	Gunk Carb Medic	Purple Power
1 gal/mo	3 gal/mo	3 gal/mo	1 gal/mo
VOC 7.5 lb/gal	VOC 7.5 lb/gal	VOC 7.5 lb/gal	lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	7.5
Agent 2	22.5
Agent 3	22.5
Agent 4	
Agent 5	
Agent 6	
Agent 7	
Total	52.5 lb/mo
	0.269231 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	1.275	0.02
	Xylene	0.55	4.125	0.08
	Acetone	0.16	1.2	0.02
	Methyl Alcohol	0.12	0.9	0.02
	2-Butoxyethanol			
	Others	0.2	1.5	0.03
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.19
	Ethyl Benzene	0.1	2.25	0.04
	Xylenes	0.45	10.125	0.19
Gunk Brake Cleaner	2-Propanone	0.8	18	0.34
	Carbon Dioxide	0.13	2.925	0.06
	Toluene	0.07	1.575	0.03
Purple Power	Ethylene Glycol Butyl E	0.05		
	Sodium Tripolyphosph	0.1		
	Linear Alkylbenzene S	0.1		
Total		SUM	52.425	1.00

SITE ID	NAME	COORDINATES
19	Transmission Rebuilders	4771 Arrow Highway
		Montclair, CA 91763

Operation           Autorepair  
08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
	9	5	52

**Material/Equipment**

Gunk Carb Medic           0.25 gal/mo  
VOC                           7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1           1.875  
Agent 2  
Agent 3  
Agent 4  
Agent 5  
Agent 6  
Agent 7

Total           1.875 lb/mo  
0.009615 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Brake Cleaner	2-Propanone	0.8	1.5	0.80
	Carbon Dioxide	0.13	0.24375	0.13
	Toluene	0.07	0.13125	0.07
Total		SUM	1.875	1.00

SITE ID	NAME	COORDINATES
22	Allco Silversmith 5001 Arrow Highway Montclair, CA 91763	

Operation	Jewelery Repair 08:00 to 17:00 M through F
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Temporal Profile	Hrs	Days	Wks
	9	5	52

**Material/Equipment**

Acid Cleaner	0.25 gal/mo
VOC	7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	1.875
Agent 2	0
Agent 3	0
Agent 4	
Agent 5	
Agent 6	
Agent 7	
Total	1.875 lb/mo 0.009615 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	0.31875	0.14
	Xylene	0.55	1.03125	0.46
	Acetone	0.16	0.3	0.13
	Methyl Alcohol	0.12	0.225	0.10
	2-Butoxyethanol			
	Others	0.2	0.375	0.17
Gunk Carb Medic	Methylene Chloride	0.45	0	0.00
	Ethyl Benzene	0.1	0	0.00
	Xylenes	0.45	0	0.00
Gunk Brake Cleaner	2-Propanone	0.8	0	0.00
	Carbon Dioxide	0.13	0	0.00
	Toluene	0.07	0	0.00
Purple Power	Ethylene Glycol Butyl E	0.05		
	Sodium Tripolyphosph	0.1		
	Linear Alkylbenzene S	0.1		
Total		SUM	2.25	1.00



SITE ID	NAME	COORDINATES
28	Graziano's Italian Restaurant	4913 Moreno Ave
		Montclair, CA

Operation            Restaurant  
07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks	
	13	7	52	

**Material/Equipment**

Charbroiler (Acetaldehyde)  
gal/mo  
0.229 lb/hr

**Emissions**

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo
	0.229 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
29	Applebee's 9241 Monte Vista Montclair, CA	

Operation	Restaurant 07:00 to 20:00 S through S
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Temporal Profile	Hrs	Days	Wks	
	13	7	52	

### Material/Equipment

Charbroiler (Acetaldehyde)  
gal/mo  
0.229 lb/hr

### Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo 0.229 lb/hr
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### Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
30	Olive Garden 9251 Monte Vista Montclair, CA	

Operation	Restaurant 07:00 to 20:00 S through S
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Temporal Profile	Hrs	Days	Wks	
	13	7	52	

### Material/Equipment

Charbroiler (Acetaldehyde)  
gal/mo  
0.229 lb/hr

### Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo 0.229 lb/hr
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### Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
31	Elephant Bar and Grill 4949 S Plaza Ln Montclair, CA	

Operation	Restaurant 07:00 to 20:00 S through S
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Temporal Profile	Hrs	Days	Wks	
	13	7	52	

### Material/Equipment

Charbroiler (Acetaldehyde)  
gal/mo  
0.229 lb/hr

### Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo 0.229 lb/hr
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### Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
32	Tony Roma's 9335 Monte Vista Avenue Montclair, CA	

Operation Restaurant  
07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks	
	13	7	52	

### Material/Equipment

Charbroiler (Acetaldehyde)  
gal/mo  
0.229 lb/hr

### Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total 90.30233 lb/mo  
0.229 lb/hr

### Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
33	Red Lobster	
	9345 Monte Vista Avenue	
	Montclair, CA	

Operation	Restaurant
	07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks	
	13	7	52	

**Material/Equipment**

Charbroiler (Acetaldehyde)  
gal/mo  
0.229 lb/hr

**Emissions**

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo
	0.229 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
0	I Street Station 234 I Street San Bernardino, CA	

Operation

Temporal Profile	Hrs	Days	Wks
		12	7 52

**Material/Equipment**

	28,000 gal/mo	gal/mo
TOG	1.775 lb/1,000 ga VOC	lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	49.7
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

		g/sec.m2	m2	g/sec	g/hr	lbs/hr
Total	49.7 lb/mo					
	0.136538 lb/hr	1.11E-05	1552	1.72E-02	6.20E+01	1.37E-01

**Speciation**

SITE ID 1 NAME Fairview Ford Body Shop COORDINATES  
 292 North G Street  
 San Bernardino, CA 92414

Operation Autobody repair  
 08:00 to 17:00 M through F

Temporal Profile Hrs Days Wks  
 9 5 52

**Material/Equipment**

Primer	2 gal/mo	Top Coat	31 gal/mo	Thinner	30 gal/mo
VOC	2.1 lb/gal	VOC	5.7 lb/gal	VOC	6.59 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1 4.2  
 Agent 2 176.7  
 Agent 3 197.7  
 Agent 4  
 Agent 5  
 Agent 6  
 Agent 7

Total 378.6 lb/mo  
 1.941538 lb/hr  
 0.000964

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Primer	EGMBE	0.29	1.218	0.004
	N-Propanol	0.71	2.982	0.01
Top Coat	MEK	0.17	30.039	0.09
	Toluene	0.55	97.185	0.30
	Acetone	0.16	28.272	0.09
	Butyl Benzly Phthalate	0.12	21.204	0.07
Thinner	Isopropanol	0.2	39.54	0.12
	VM&P Naphtha	0.2	39.54	0.12
	Toluene	0.25	49.425	0.15
	Ethyl Benzene	0.05	9.885	0.03
	Xylene	0.1	19.77	0.06
	Isobutyl Alcohol	0.1	19.77	0.06
	Acetone	0.1	19.77	0.06
Total		SUM	319.29	1.00



SITE ID	NAME	COORDINATES
2	Arco Gas and Smog Check	702 West 2nd Street
		San Bernardino, CA

Operation

Temporal Profile	Hrs	Days	Wks
		24	7
			52

**Material/Equipment**

	180,600 gal/mo	gal/mo
TOG	1.775 lb/1,000 ga VOC	lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	320.565
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	320.565 lb/mo
	0.440337 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	54.49605	0.17
	Toluene	0.55	176.3108	0.55
	Acetone	0.16	51.2904	0.16
	Butyl Benzly Phthalate	0.12	38.4678	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	320.565	1.00

SITE ID	NAME	COORDINATES
3	G&M Oil Chevron Station	187 North F Street
	187 North F Street	San Bernardino, CA

Operation

Temporal Profile	Hrs	Days	Wks
		24	7
			52

**Material/Equipment**

	176,300 gal/mo	gal/mo
TOG	1.775 lb/1,000 ga VOC	lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	312.9325
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	312.9325 lb/mo
	0.429852 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	53.19853	0.17
	Toluene	0.55	172.1129	0.55
	Acetone	0.16	50.0692	0.16
	Butyl Benzly Phthalate	0.12	37.5519	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	312.9325	1.00

SITE ID	NAME	COORDINATES
4	Southern California Gas Company	210 North Lena Road (Outside Range)
	San Bernardino, CA	

Operation

Temporal Profile	Hrs	Days	Wks
		24	7
			52

**Material/Equipment**

	176,300 gal/mo	gal/mo
TOG	1.775 lb/1,000 ga VOC	lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	312.9325
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	312.9325 lb/mo
	0.429852 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	53.19853	0.17
	Toluene	0.55	172.1129	0.55
	Acetone	0.16	50.0692	0.16
	Butyl Benzly Phthalate	0.12	37.5519	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	312.9325	1.00

SITE ID	NAME	COORDINATES
5	Mobile Help Sales and Service	613 I Street
		San Bernardino, CA 92414

Operation	Autosales
	08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
	9	5	52

**Material/Equipment**

Gunk Carb Medic	3 gal/mo
VOC	7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	22.5
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	22.5 lb/mo
	0.115385 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Brake Cleaner	2-Propanone	0.8	18	0.86
	Carbon Dioxide	0.13	2.925	0.14
	Toluene	0.07	1.575	0.08
Total		SUM	20.925	1.00

SITE ID 6 NAME Royal Coach Auto Body COORDINATES  
 234 I Street  
 San Bernardino, CA 92414

Operation Autobody repair  
 08:00 to 17:00 M through F

Temporal Profile Hrs Days Wks  
 9 5 52

**Material/Equipment**

Primer	4 gal/mo	Top Coat	6 gal/mo	Gun Cleaner	10 gal/mo
VOC	2.1 lb/gal	VOC	5.7 lb/gal	VOC	6.59 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1 8.4  
 Agent 2 34.2  
 Agent 3 65.9  
 Agent 4  
 Agent 5  
 Agent 6  
 Agent 7

Total	108.5 lb/mo							
	0.55641 lb/hr							
		g/sec.m2	m2	g/sec	g/hr	lbs/hr		
		6.47E-05	1083.94	7.02E-02	2.53E+02	5.56E-01		

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Primer	EGMBE	0.29	2.436	0.02
	N-Propanol	0.71	5.964	0.05
Top Coat	MEK	0.17	5.814	0.05
	Toluene	0.55	18.81	0.17
	Acetone	0.16	5.472	0.05
	Butyl Benzly Phthalate	0.12	4.104	0.04
Thinner	Acetone	1	65.9	0.61
		SUM	108.5	0.32

Total

SITE ID	NAME	COORDINATES
7	A.C Byers Trucking, Inc.	
	767 West Congress Street	
	San Bernardino, CA	

Operation

Temporal Profile	Hrs	Days	Wks
		24	7
			52

**Material/Equipment**

	21,000 gal/mo		gal/mo
TOG	1.775 lb/1,000 gal	VOC	lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	37.275
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	37.275 lb/mo
	0.051202 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	6.33675	0.17
	Toluene	0.55	20.50125	0.55
	Acetone	0.16	5.964	0.16
	Butyl Benzly Phthalate	0.12	4.473	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	37.275	1.00

SITE ID	NAME	COORDINATES
8	Jenco Production Inc. 131 I Street San Bernardino, CA 92414	

Operation	Movie Production 08:00 to 17:00 M through F
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Temporal Profile	Hrs	Days	Wks	
		9	5	52

**Material/Equipment**

Thinner	30 gal/mo
VOC	6.59 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	197.7
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	197.7 lb/mo 1.013846 lb/hr
-------	-------------------------------

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Thinner	Isopropanol	0.2	39.54	0.29
	VM&P Naphtha	0.2	39.54	0.29
	Toluene	0.25	49.425	0.36
	Ethyl Benzene	0.05	9.885	0.07
	Xylene	0.1	19.77	0.14
	Isobutyl Alcohol	0.1	19.77	0.14
	Acetone	0.1	19.77	0.14
Total		SUM	138.39	1.00

SITE ID	NAME	COORDINATES
9	Mike and Junior Engine Machine Shop	231 I Street
	San Bernardino, CA	

Operation                    Machining

Temporal Profile	Hrs	Days	Wks
	10	5	52

**Material/Equipment**

Safety Kleen Degreaser	1 gal/mo	Gunk Carb Medic	3 gal/mo
VOC	7.5 lb/gal	VOC	7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	7.5
Agent 2	22.5
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	30 lb/mo
	0.138462 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	1.275	0.04
	Xylene	0.55	4.125	0.13
	Acetone	0.16	1.2	0.04
	Methyl Alcohol	0.12	0.9	0.03
	2-Butoxyethanol			
	Others	0.2	1.5	0.05
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.32
	Ethyl Benzene	0.1	2.25	0.07
	Xylenes	0.45	10.125	0.32
Total		SUM	31.5	1.00



SITE ID	NAME	COORDINATES
10	Arco Gas and Smog Check	907 West Mills Street
		San Bernardino, CA

Operation

Temporal Profile	Hrs	Days	Wks
		24	7
			52

**Material/Equipment**

TOG	246,000 gal/mo		gal/mo
	1.775 lb/1,000 gal	VOC	lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	436.65
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	436.65 lb/mo
	0.599794 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	74.2305	0.17
	Toluene	0.55	240.1575	0.55
	Acetone	0.16	69.864	0.16
	Butyl Benzly Phthalate	0.12	52.398	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	436.65	1.00

SITE ID	NAME	COORDINATES
11	R&R Engine Rebuilding 456 South I Street San Bernardino, CA	

Operation Machine Shope and Auto Repair

Temporal Profile	Hrs	Days	Wks
		9	5
			52

**Material/Equipment**

Safety Kleen Degreaser		Gunk Carb Medic	
	4 gal/mo		1 gal/mo
VOC	7.5 lb/gal	VOC	7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	30
Agent 2	7.5
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	37.5 lb/mo
	0.192308 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction	
Degreaser	Toluene	0.17	5.1	0.12	
	Xylene	0.55	16.5	0.38	
	Acetone	0.16	4.8	0.11	
	Methyl Alcohol	0.12	3.6	0.08	
	2-Butoxyethanol				
	Others	0.2	6	0.14	
Gunk Carb Medic	Methylene Chloride	0.45	3.375	0.08	
	Ethyl Benzene	0.1	0.75	0.02	
	Xylenes	0.45	3.375	0.08	
Total		SUM	43.5	1.00	

SITE ID	NAME	COORDINATES
12	FMS Exhaust and Air Conditioning	1095 K Street
	San Bernardino, CA	

Operation            Air conditioning repair

Temporal Profile	Hrs	Days	Wks
		9	5      52

**Material/Equipment**

Gunk Carb Medic            1 gal/mo  
VOC                            7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1            7.5  
Agent 2  
Agent 3  
Agent 4  
Agent 5  
Agent 6  
Agent 7

Total            7.5 lb/mo  
                    0.038462 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	3.375	0.45
	Ethyl Benzene	0.1	0.75	0.10
	Xylenes	0.45	3.375	0.45
Total		SUM	7.5	1.00

SITE ID	NAME	COORDINATES
13	Performance Motors 346 South I Street San Bernardino, CA	

Operation            Auto mechanic

Temporal Profile	Hrs	Days	Wks
	9	5	52

**Material/Equipment**

"Solvents"

	5 gal/mo
VOC	7.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	37.5
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	37.5 lb/mo
	0.192308 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	16.875	0.45
	Ethyl Benzene	0.1	3.75	0.10
	Xylenes	0.45	16.875	0.45
Total		SUM	37.5	1.00

SITE ID	NAME	COORDINATES
14	Geri's Screenprinting 624 Oak (Out of range) San Bernardino, CA	

Operation                      Silk screening and printing

Temporal Profile	Hrs	Days	Wks	
		9	5	52

**Material/Equipment**

"Cleaning Solvents"

	6 gal/mo
VOC	6.5 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	39
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	39 lb/mo 0.2 lb/hr
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**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Cleaning Solvents	Mineral Spirits	1	39	1.00
		SUM	39	1.00

Total

SITE ID	NAME	COORDINATES
15	Family Cleaners 633 West 2nd Street San Bernardino, CA	

Operation            Machining

Temporal Profile	Hrs	Days	Wks
		7	5      52

**Material/Equipment**

Dry Cleaning Fluid            8 gal/mo  
VOC                            13.55 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	108.4
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total                    108.4 lb/mo  
                              0.714725 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Perchloroethylene	0.7	75.88	0.70
	Others	0.3	32.52	0.30
Total		SUM	108.4	1.00

SITE ID	NAME	COORDINATES
16	Long John Silvers 601 W 2nd Street San Bernardino, CA 92411	

Operation            Restaurant  
07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks	
	13	7	52	

**Material/Equipment**

Charbroiler (Acetaldehyde)  
gal/mo  
0.229 lb/hr

**Emissions**

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo
	0.229 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
17	McDonalds	699 W 2nd Street
		San Bernardino, CA 92411

Operation	Restaurant
	07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks	
	13	7	52	

**Material/Equipment**

Charbroiler (Acetaldehyde)  
gal/mo  
0.229 lb/hr

**Emissions**

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo
	0.229 lb/hr

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
1	Presto Autobody 1582 4th Street San Bernardino, CA	

Operation                      Autobody and upholstery repair  
08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
		9	5      52

**Material/Equipment**

Sherwin Williams Paint(Assume top coat)	Lacquer Thinner
30 gal/mo	15 gal/mo
VOC 5.7 lb/gal	VOC 6.59 lb/gal

**Emissions**

Average Monthly/Hourly

Agent 1	171	Area	22 x 50
Agent 2	98.85		11832.54
Agent 3			
Agent 4			
Agent 5			
Agent 6			
Agent 7			

Total	269.85 lb/mo		
	1.383846154 lb/hr	0.000117 lb/hr.ft2	

**Speciation**

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	29.07	0.12
	Toluene	0.55	94.05	0.39
	Acetone	0.16	27.36	0.11
	Butyl Benzly Phthalate	0.12	20.52	0.09
Thinner	Isopropanol	0.2	19.77	0.08
	VM&P Naphtha	0.2	19.77	0.08
	Toluene	0.25	24.7125	0.10
	Ethyl Benzene	0.05	4.9425	0.02
	Xylene	0.1	9.885	0.04
	Isobutyl Alcohol	0.1	9.885	0.04
	Acetone	0.1	9.885	0.04
Total		SUM	240.195	1.00

SITE ID	3	NAME	COORDINATES
		The Taco Kid	
		840 Medical Center Drive	
		San Bernardino, CA 92411	

Operation	Restaurant
	07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks	
	13	7	52	

**Material/Equipment**

Charbroiler (Acetaldehyde)

	gal/mo		
0.229	lb/hr	Area	20 m x 12 m
			2581.64423

**Emissions**

Average Monthly/Hourly

Acetaldehyde	0.229		
Agent 2	0	g/sec.m2	m2
Agent 3		3.57E-05	1717.065
Agent 4		3.58E-05	1717.065
Agent 5		0.000963563	
Agent 6			
Agent 7			

Total	90.30233 lb/mo		
	0.229 lb/hr		8.87032E-05 lbs/hr.ft2

# STUDENT HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a 1/2 mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a 1/2 mile of the 1700 5<sup>th</sup> Street Omnitrans station in San Bernardino? (1)  Yes (2) No
2. How many members of your household have attended school in an area near the Omnitrans fueling station? 3
3. How many years has each household member attend the school near the Omnitrans fueling stations? 4
4. How many hours per day do you spend outside at home or in the immediate neighborhood of the Omnitrans fueling stations? 3 hrs
5. Would you say your child's health is Excellent, Very Good, Good, Fair, or Poor? Fair
6. Is there a smoker in the household? (1) Yes (2)  No
7. What does the smoker use? (1) Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? \_\_\_\_\_ Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes (2) No
10. Does your household have pets? If so how many and what types of animals?  
 Yes (1) Yes (2) No (2) No  
 Number And Types Of Animals: cow
11. Has your house ever been tested for lead in paint?  
 (1) Yes (2)  No Was Lead Present In The Paint? (1) Yes (2) No
12. Since your child/children have started attending Ramona Alessandro Elementary would you say that their overall health has:  
 (1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same  
 (4) Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your child's health has "declined" above, what do you think is the major cause for this decline in your health:  
 (1) Air Quality/Smog (2)  Stress (3) Injury (4) Infection (5)  Other
14. Is your child able to take part at all in the usual kinds of play activities done by most children your child's age?  
 (1) Yes (2) No
15. What conditions or health problems keeps your child from his/her/their play activities? Circle all that apply  
 (1) Vision/ Problem Seeing (2) Hearing Problem (3) Speech Problem  
 (4) Asthma (5) Birth Defect (6) Injury  
 (7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem  
 (9) Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures (11) Learning Disability  
 (12) Attention Deficit/Hyperactive Disorder (13) Breathing Problem (14) Nosebleeds  
 (15) Nausea (19) Numbness (20)  Don't Know/Not Sure
16. How long has your child had this condition?  
 (1) Since Birth (2) \_\_\_\_\_ Years/Months/Days (3) Don't Know
17. Do your child's symptoms (for example breathing problems) lessen when your child is at home or on the weekends?  
 (1) Yes (2) No
18. Has your child's condition ever been diagnosed by medical personnel?  
 (1) Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

*I have 2 cats. One died due to smoking*  
*I have been tested*

Get rid of Omnitrans for the sake of the childrens! Thanks

**STUDENT HEALTH SURVEY**

part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a 1/2 mile radius of bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1 block. since 1992.

Do you live within a 1/2 mile of the 1700 5<sup>th</sup> Street Omnitrans station in San Bernardino?  Yes (2) No

How many members of your household have attended school in an area near the Omnitrans fueling station? 3

How many years has each household member attend the school near the Omnitrans fueling stations? 5

How many hours per day do you spend outside at home or in the immediate neighborhood of the Omnitrans fueling stations? 8 hrs. at school / -1-2 after school playing

Would you say your child's health is Excellent, Very Good, Good, Fair, or Poor? Good

Is there a smoker in the household? NO (1) Yes (2) No

What does the smoker use? N/A (1) Cigarette (2) Cigar (3) Pipe (4) Other

How many packs a day does the household member smoke? N/A Packs Per Day

Is the smoker allowed to smoke inside of the household? (1) Yes N/A (2) No

Does your household have pets? If so how many and what types of animals?

(1) Yes  No Number And Types Of Animals: \_\_\_\_\_

Has your house ever been tested for lead in paint?

(1) Yes  No Was Lead Present In The Paint? (1) Yes (2) No

Since your child/children have started attending Ramona Alessandro Elementary would you say that their overall health has:

(1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same  
 (4) Declined Somewhat  Declined Significantly (6) Don't Know

If your child's health has "declined" above, what do you think is the major cause for this decline in your health:

Air Quality/Smog (2) Stress (3) Injury (4) Infection (5) Other

Is your child able to take part at all in the usual kinds of play activities done by most children your child's age?

(1) Yes (2) No SOME

What conditions or health problems keeps your child from his/her/their play activities? Circle all that apply

- (1) Vision/ Problem Seeing (2) Hearing Problem  Speech Problem
- Asthma (5) Birth Defect (6) Injury
- (7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem
- Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures (11) Learning Disability
- (12) Attention Deficit/Hyperactive Disorder  Breathing Problem  Nosebleeds
- (15) Nausea (19) Numbness (20) Don't Know/Not Sure

How long has your child had this condition?

Since Birth (2) 9 yrs Years/Months/Days (3) Don't Know

Do your child's symptoms (for example breathing problems) lessen when your child is at home or on the weekends?

My kids have bleeding nose even at night and (1) Yes (2) No

Has your child's condition ever been diagnosed by medical personnel? they always get sick from coughs.

Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

# STUDENT HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a ½ mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a ½ mile of the 1700 5<sup>th</sup> Street Omnitrans station in San Bernardino? (1) Yes (2) No
2. How many members of your household have attended school in an area near the Omnitrans fueling station? 6
3. How many years has each household member attend the school near the Omnitrans fueling stations? 16 years
4. How many hours per day do you spend outside at home or in the immediate neighborhood of the Omnitrans fueling stations? 1 hr to get up or drop off
5. Would you say your child's health is Excellent, Very Good, Good, Fair, or Poor?
6. Is there a smoker in the household? (1) Yes (2) No
7. What does the smoker use? (1) Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? \_\_\_\_\_ Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes (2) No
10. Does your household have pets? If so how many and what types of animals?  
(1) Yes (2) No Number And Types Of Animals: \_\_\_\_\_
11. Has your house ever been tested for lead in paint?  
(1) Yes (2) No Was Lead Present In The Paint? (1) Yes (2) No
12. Since your child/children have started attending Ramona Alessandro Elementary would you say that their overall health has:  
(1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same  
(4) Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your child's health has "declined" above, what do you think is the major cause for this decline in your health:  
(1) Air Quality/Smog (2) Stress (3) Injury (4) Infection (5) Other
14. Is your child able to take part at all in the usual kinds of play activities done by most children your child's age?  
(1) Yes (2) No
15. What conditions or health problems keeps your child from his/her/their play activities? Circle all that apply  
(1) Vision/ Problem Seeing (2) Hearing Problem (3) Speech Problem  
(4) Asthma (5) Birth Defect (6) Injury  
(7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem  
(9) Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures (11) Learning Disability  
(12) Attention Deficit/Hyperactive Disorder (13) Breathing Problem (14) Nosebleeds  
(15) Nausea (16) Numbness (17) Don't Know/Not Sure
16. How long has your child had this condition?  
(1) Since Birth (2) \_\_\_\_\_ Years/Months/Days (3) Don't Know
17. Do your child's symptoms (for example breathing problems) lessen when your child is at home or on the weekends?  
NA (1) Yes (2) No
18. Has your child's condition ever been diagnosed by medical personnel?  
(1) Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

I have never had any problems with my children

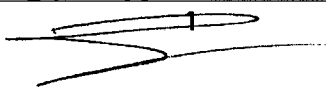
# STUDENT HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a 1/2 mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a 1/2 mile of the 1700 5<sup>th</sup> Street Omnitrans station in San Bernardino?  Yes (2) No
2. How many members of your household have attended school in an area near the Omnitrans fueling station? 7
3. How many years has each household member attend the school near the Omnitrans fueling stations? 25
4. How many hours per day do you spend outside at home or in the immediate neighborhood of the Omnitrans fueling stations? 6 1/2 Hrs
5. Would you say your child's health is Excellent, Very Good, Good, Fair or Poor? Good
6. Is there a smoker in the household? yes (1) Yes (2) No
7. What does the smoker use? 1  Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? 1/2 Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes  No
10. Does your household have pets? If so how many and what types of animals?  
(1) Yes  No Number And Types Of Animals: \_\_\_\_\_
11. Has your house ever been tested for lead in paint?  
 Yes (2) No Was Lead Present In The Paint?  Yes (2) No
12. Since your child/children have started attending Ramona Alessandro Elementary would you say that their overall health has: 3  
(1) Improved Significantly (2) Improved Somewhat  Stayed About The Same  
(4) Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your child's health has "declined" above, what do you think is the major cause for this decline in your health:  
(1) Air Quality/Smog  (2) Stress (3) Injury (4) Infection (5) Other
14. Is your child able to take part at all in the usual kinds of play activities done by most children your child's age? 1  
 Yes (2) No
15. What conditions or health problems keeps your child from his/her/their play activities? Circle all that apply  
(1)  Vision/ Problem Seeing (2) Hearing Problem (3) Speech Problem  
(4)  Asthma (5) Birth Defect (6)  Injury  
(7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem  
(9) Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures  Learning Disability  
(12) Attention Deficit/Hyperactive Disorder (13) Breathing Problem (14) Nosebleeds  
(15) Nausea (19) Numbness (20) Don't Know/Not Sure
16. How long has your child had this condition?  
(1) Since Birth (2) \_\_\_\_\_ Years/Months/Days (3) Don't Know
17. Do your child's symptoms (for example breathing problems) lessen when your child is at home or on the weekends?  
(1) Yes (2) No
18. Has your child's condition ever been diagnosed by medical personnel? 1  
 Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

*I HAVE 7 CHILDREN YOU ARE ONLY ASKING ABOUT ONE  
THIS HEALTH SURVEY IS INCORRECT*



# ENCUESTA DE SALUD ESTUDIANTIL

Como parte del esfuerzo para cumplir con la Ley del Senado 1927, Omnitrans a autorizado al contratista independiente Komex, realizar una encuesta de salud pública de los residentes y escuelas dentro de la 1/2 milla de radio de las estaciones de reabastecimiento de combustible de buses de Omnitrans. Esta encuesta inicial esta designada para medir en forma rápida alguno de los factores ambientales que puedan afectar la salud de su hijo(a). La encuesta, no debería tomar más de 5 minutos de su tiempo y es completamente confidencial. Los resultados de esta encuesta serán incluidos en un reporte sobre el estado de salud de la comunidad que será presentado al Gobernador de California. Gracias por su colaboración.

1. Usted vive dentro de la 1/2 milla de radio de la estación de Omnitrans de la calle 5<sup>th</sup> No 1700 en San Bernardino?  
(1) Si (2) No
2. Cuantos miembros de hogar han asistido a la escuela en una área cerca de la estación de gasolina de Omnitrans? 0
3. Por cuantos años cada miembro de la familia a asistido a la escuela cerca a la estación de gasolina de Omnitrans? 0
4. Cuantas horas al día usted permanece fuera de la casa o en el vecindario adjunto a las estaciones de gasolina de Omnitrans? NADA = NUNCA
5. Usted diría que la salud de su hijo (a) es excelente muy buena, buena, regular o deficiente?
6. Hay algún fumador en el hogar? NO (1) Si (2) No
7. Que usa el fumador? (1) Cigarrillos (2) Puro (3) Pipa (4) Otros
8. Cuantos paquetes al día el miembro de la familia fuma? NADA
9. Se le permite al miembro de la familia fumar dentro de la casa? NADA (1) Si (2) No
11. Tiene mascotas en la casa? Si es asi, cuantas, y que tipo? NO  
(1) Si (2) No Número y tipo de animales:
11. Alguna vez, su casa ha sido examinada para determinar la existencia de plomo en la pintura?  
(1) Si (2) No Se encontró plomo en la pintura? (1) Si (2) No
12. Desde que su hijo (s) asiste a la escuela elemental Ramona Alessandro, usted diría que su salud en general a:  
(1) Mejorado significativamente (2) Mejorado de alguna manera (3) Sigue siendo la misma  
(4) Desmejorado de alguna manera (5) Desmejorado significativamente (6) No sé
13. Si la salud de su hijo (a) "desmejorado" (arriba), cual cree que es la causa principal de desmejora en su salud? NADA  
(1) Calidad del Aire/Smog (2) Stress (3) Lesión (4) Infección (5) Otros
14. Su hijo (a) puede participar en todos los juegos usuales y actividades que los niños de su edad realizan?  
(1) Si (2) No
15. Que condiciones o problemas de salud no permiten que su hijo (a) pueda participar en las actividades/juegos con otros niños? NADA Marque con un circulo todas las que se apliquen  
(1) Visión/ Problema de Vista (2) Problema de Oído (3) Problema al Hablar  
(4) Asma (5) Defecto de Nacimiento (6) Lesión  
(7) Retardación Mental (8) Otros Problemas Mentales, Emocionales o de Comportamiento  
(9) Problemas de Huesos, Músculos, Articulaciones (10) Epilepsia o Ataques (11) Problemas de Aprendizaje  
(12) Déficit en la atención /Hiperactividad (13) Breathing Problemas de Respiración (14) Sangramiento de la Nariz  
(15) Náusea (16) Entumecimiento (17) No Sé/ No estoy Seguro
16. Por cuanto tiempo su hijo (a) ha tenido esta condición? Nunca  
(1) Desde Nacimiento (2) \_\_\_\_\_ Años/Meses/Días (3) No Sé
17. Los síntomas de su hijo (por ejemplo problemas de respiración) se reducen cuando su hijo (a) esta en la casa o en los fines de semana? NADA  
(1) Si (2) No
18. La condición de su hijo (a) a sido alguna vez diagnosticada por personal médico? (1) Si (2) No

Gracias por su participación en el estudio. Si usted tiene alguna pregunta o preocupación, por favor llame

a los investigadores principales Drs. James Clark y Tony Jones, al (310) 907-6165 or (714) 330-0405.

NO Preguntas



# FACULTY/STAFF HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a 1/2 mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a 1/2 mile of the 1700 5<sup>th</sup> Street Omnitrans station in San Bernardino? (1) Yes (2) No
2. How long have you worked at the Ramona-Alessandro Elementary School? 2yrs
3. How many hours per day do you spend outside or in the immediate neighborhood of the Omnitrans fueling stations? Outside? 1 hour or less
4. Would you say your health <sup>was</sup> is Excellent, Very Good, Good, Fair, or Poor?
5. Is there a smoker in the household? (1) Yes (2) No
6. Are you the smoker? (1) Yes (2) No
7. What does the smoker use? (1) Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? \_\_\_\_\_ Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes (2) No
10. Does your household have pets? If so how many and what types of animals?  
(1) Yes (2) No Number And Types Of Animals: 1 short haired cat
11. Has your house ever been tested for lead in paint?  
(1) Yes (2) No Was Lead Present In The Paint? (1) Yes (2) No
12. Since you started working at Ramona Alessandro Elementary would you say that your overall health has:  
(1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same  
(4) Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your health has "declined" above, what do you think is the major cause for this decline in your health:  
(1) Air Quality/Smog (2) Stress NO (3) Injury NO (4) Infection NO (5) Other unknown!
14. Are you able to take part at all in the usual kinds of work activities done by most adults your age?  
(1) Yes (2) No
15. What conditions or health problems keeps you from work activities? Circle all that apply  

(1) Vision/ Problem Seeing	(2) Hearing Problem	(3) Speech Problem
(4) Asthma	(5) Birth Defect	(6) Injury
(7) Mental Retardation	(8) Other Mental, Emotional, Or Behavioral Problem	
(9) Bone, Joint, Or Muscle Problem	(10) Epilepsy Or Seizures	(11) Learning Disability
(12) Attention Deficit/Hyperactive Disorder	(13) Breathing Problem	(14) Nosebleeds
(15) Nausea	(19) Numbness	(20) Don't Know/Not Sure
16. How long has you had this condition?  
(1) Since Birth (2) Last 2yrs Years/Months/Days (3) Don't Know
17. Do your symptoms (for example breathing problems) lessen when you are at home or on the weekends?  
(1) Yes (2) No
18. Has your condition ever been diagnosed by medical personnel?  
(1) Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

**PLEASE NOTE:** Since coming to work here 2 years ago. I have experenced sinus problems, headaches, dizziness, and vision problems to name a few. At first I did not think these illnesses were related to this work site, but during the two weeks of winter vacation I did not experance any of these systems. The above symptoms surfaced again when I returned to work in Jan. 04.

I have never experenced these many <sup>2</sup>illness problems in over 15 years working in this district in over 8 different sites!

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