

Appendix E

Greenhouse Gas

Greenhouse Gas Appendix

- A. GHG Construction Emissions - CalEEMod Outputs
- B. GHG Operational Emissions Calculations

Appendix A

GHG Construction Emissions - CalEEMod Outputs

West Adams Community Plan Update
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	100	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Utility Company
Climate Zone	11	Precipitation Freq (Days)	31	

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

Woodstoves - New residential building will not include hearth.

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2005	2.18	10.61	5.81	0.07	0.42	0.63	1.05	0.18	0.63	0.81	0.00	703.18	703.18	0.12	0.00	705.69
Total	2.18	10.61	5.81	0.07	0.42	0.63	1.05	0.18	0.63	0.81	0.00	703.18	703.18	0.12	0.00	705.69

Mitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2005	2.18	10.61	5.81	0.07	0.19	0.63	0.83	0.07	0.63	0.70	0.00	703.18	703.18	0.12	0.00	705.69
Total	2.18	10.61	5.81	0.07	0.19	0.63	0.83	0.07	0.63	0.70	0.00	703.18	703.18	0.12	0.00	705.69

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Off-Road	0.20	1.65	0.88	0.01	0.09	0.09	0.09	0.00	102.18	102.18	0.02	0.00	102.52		
Total	0.20	1.65	0.88	0.01	0.09	0.09	0.09	0.00	102.18	102.18	0.02	0.00	102.52		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21		
Total	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21		

3.2 Demolition - 2005

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.20	1.65	0.88	0.01		0.09	0.09		0.09	0.09	0.00	102.18	102.18	0.02	0.00	102.52
Total	0.20	1.65	0.88	0.01		0.09	0.09		0.09	0.09	0.00	102.18	102.18	0.02	0.00	102.52

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21
Total	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	2.20	0.00	0.00	2.21

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Fugitive Dust					0.18	0.00	0.18	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.15	1.20	0.70	0.01		0.07	0.07	0.07	0.00	0.00	72.53	0.01	0.00	0.00	72.79
Total	0.15	1.20	0.70	0.01	0.18	0.07	0.25	0.17	0.00	0.00	72.53	0.01	0.00	0.00	72.79

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	0.00	0.00	0.00	1.76
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	0.00	0.00	0.00	1.76

3.3 Site Preparation - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Fugitive Dust					0.07	0.00	0.07	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
Off-Road	0.15	1.20	0.70	0.01		0.07	0.07	0.07	0.07	0.00	0.07	0.00	72.53	0.01	0.00	72.79
Total	0.15	1.20	0.70	0.01	0.07	0.07	0.14	0.11	0.07	0.00	0.11	0.00	72.53	0.01	0.00	72.79

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Hauling					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	0.00	0.00	1.76
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	0.00	0.00	1.76

3.4 Grading - 2005

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.20	0.00	0.20	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.41	3.47	1.78	0.02		0.18	0.18	0.18	0.18	0.18	0.00	221.54	221.54	0.03	0.00	222.24
Total	0.41	3.47	1.78	0.02	0.20	0.18	0.38	0.08	0.18	0.26	0.00	221.54	221.54	0.03	0.00	222.24

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	4.40	4.40	0.00	0.00	4.41
Total	0.01	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	4.40	4.40	0.00	0.00	4.41

3.4 Grading - 2005

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.08	0.00	0.08	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.41	3.47	1.78	0.02		0.18	0.18	0.18	0.18	0.18	0.00	221.54	221.54	0.03	0.00	222.24
Total	0.41	3.47	1.78	0.02	0.08	0.18	0.26	0.18	0.18	0.21	0.00	221.54	221.54	0.03	0.00	222.24

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	4.40	4.40	0.00	0.00	4.41
Total	0.01	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	4.40	4.40	0.00	0.00	4.41

3.5 Building Construction - 2005

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.60	3.70	1.70	0.03		0.27	0.27		0.27	0.27	0.00	238.20	238.20	0.05	0.00	239.22
Total	0.60	3.70	1.70	0.03		0.27	0.27		0.27	0.27	0.00	238.20	238.20	0.05	0.00	239.22

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.02	0.20	0.14	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.00	17.22	17.22	0.00	0.00	17.24
Worker	0.03	0.03	0.31	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	22.88	22.88	0.00	0.00	22.94
Total	0.05	0.23	0.45	0.00	0.04	0.01	0.04	0.00	0.01	0.01	0.00	40.10	40.10	0.00	0.00	40.18

3.5 Building Construction - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.60	3.70	1.70	0.03	0.27	0.27	0.27	0.00	238.20	0.05	0.00	239.22		
Total	0.60	3.70	1.70	0.03	0.27	0.27	0.00	238.20	0.05	0.00	239.22			

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.02	0.20	0.14	0.00	0.01	0.01	0.00	0.00	17.22	0.00	0.00	17.24		
Worker	0.03	0.03	0.31	0.00	0.03	0.00	0.00	0.00	22.88	0.00	0.00	22.94		
Total	0.05	0.23	0.45	0.00	0.04	0.01	0.00	0.00	40.10	0.00	0.00	40.18		

3.6 Paving - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.06	0.32	0.15	0.00	0.03	0.03	0.03	0.00	17.20	17.20	0.00	0.00	17.30		
Paving	0.00							0.00	0.00	0.00	0.00	0.00	0.00		
Total	0.06	0.32	0.15	0.00	0.03	0.03	0.03	0.00	17.20	17.20	0.00	0.00	17.30		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.95	0.95	0.00	0.00	0.96		
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.95	0.95	0.00	0.00	0.96		

3.6 Paving - 2005

Mitigated Construction On-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.06	0.32	0.15	0.00		0.03	0.03		0.03	0.03	0.00	17.20	17.20	0.00	0.00	0.00	17.30
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.06	0.32	0.15	0.00		0.03	0.03		0.03	0.03	0.00	17.20	17.20	0.00	0.00	0.00	17.30

Mitigated Construction Off-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.96
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.96

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr										MT/yr						
Archit. Coating	0.70					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.03	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.66	1.66	0.00	0.00	0.00	1.67
Total	0.70	0.03	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.66	1.66	0.00	0.00	0.00	1.67

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr										MT/yr						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.44	0.00	0.00	0.00	0.45
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.44	0.00	0.00	0.00	0.45

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Archit. Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Off-Road	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	1.66	1.66	0.00	0.00	0.00	1.67	
Total	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	1.66	1.66	0.00	0.00	0.00	1.67	

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.44	0.44	0.00	0.00	0.00	0.45	
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.44	0.44	0.00	0.00	0.00	0.45	

West Adams Community Plan Update
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	100	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Utility Company
Climate Zone	11	Precipitation Freq (Days)	31	

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

Woodstoves - New residential building will not include hearth.

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2030	0.62	1.61	3.22	0.01	0.42	0.05	0.47	0.18	0.05	0.23	0.00	693.58	693.58	0.03	0.00	694.17
Total	0.62	1.61	3.22	0.01	0.42	0.05	0.47	0.18	0.05	0.23	0.00	693.58	693.58	0.03	0.00	694.17

Mitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2030	0.62	1.61	3.22	0.01	0.19	0.05	0.24	0.07	0.05	0.12	0.00	693.58	693.58	0.03	0.00	694.17
Total	0.62	1.61	3.22	0.01	0.19	0.05	0.24	0.07	0.05	0.12	0.00	693.58	693.58	0.03	0.00	694.17

3.2 Demolition - 2030

Unmitigated Construction On-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.05	0.24	0.43	0.00		0.01	0.01		0.01	0.01	0.00	98.77	98.77	0.00	0.00	0.00	98.86
Total	0.05	0.24	0.43	0.00		0.01	0.01		0.01	0.01	0.00	98.77	98.77	0.00	0.00	0.00	98.86

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	1.53	0.00	0.00	0.00	1.53
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	1.53	0.00	0.00	0.00	1.53

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2030

Mitigated Construction On-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.05	0.24	0.43	0.00		0.01	0.01		0.01	0.01	0.00	98.77	98.77	0.00	0.00	0.00	98.86
Total	0.05	0.24	0.43	0.00		0.01	0.01		0.01	0.01	0.00	98.77	98.77	0.00	0.00	0.00	98.86

Mitigated Construction Off-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	1.53	0.00	0.00	0.00	1.53
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	1.53	0.00	0.00	0.00	1.53

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Fugitive Dust					0.18	0.00	0.18	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.23	0.26	0.00		0.01	0.01	0.01	0.00	0.00	0.00	72.53	0.00	0.00	72.61
Total	0.04	0.23	0.26	0.00	0.18	0.01	0.19	0.11	0.00	0.00	0.00	72.53	0.00	0.00	72.61

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.00	0.00	1.27
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.00	0.00	1.27

3.3 Site Preparation - 2030

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.07	0.00	0.07	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.23	0.26	0.00		0.01	0.01	0.01	0.01	0.01	0.00	72.53	72.53	0.00	0.00	72.61
Total	0.04	0.23	0.26	0.00	0.07	0.01	0.08	0.04	0.01	0.05	0.00	72.53	72.53	0.00	0.00	72.61

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27

3.4 Grading - 2030

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.20	0.00	0.20	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.11	0.48	0.85	0.00		0.02	0.02	0.02	0.02	0.02	0.00	221.54	221.54	0.01	0.00	221.73
Total	0.11	0.48	0.85	0.00	0.20	0.02	0.22	0.08	0.02	0.10	0.00	221.54	221.54	0.01	0.00	221.73

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	3.17	3.17	0.00	0.00	3.17
Total	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	3.17	3.17	0.00	0.00	3.17

3.4 Grading - 2030

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.08	0.00	0.08	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.11	0.48	0.85	0.00		0.02	0.02	0.02	0.02	0.02	0.00	221.54	221.54	0.01	0.00	221.73
Total	0.11	0.48	0.85	0.00	0.08	0.02	0.10	0.03	0.02	0.05	0.00	221.54	221.54	0.01	0.00	221.73

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	3.17	3.17	0.00	0.00	3.17
Total	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	3.17	3.17	0.00	0.00	3.17

3.5 Building Construction - 2030

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.11	0.53	1.43	0.00		0.01	0.01		0.01	0.01	0.00	240.03	240.03	0.01	0.00	240.21
Total	0.11	0.53	1.43	0.00		0.01	0.01		0.01	0.01	0.00	240.03	240.03	0.01	0.00	240.21

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.05	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	18.09	18.09	0.00	0.00	18.10
Worker	0.01	0.00	0.05	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	16.62	16.62	0.00	0.00	16.63
Total	0.01	0.05	0.08	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	34.71	34.71	0.00	0.00	34.73

3.5 Building Construction - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Off-Road	0.11	0.53	1.43	0.00	0.01	0.01	0.01	0.00	240.03	240.03	0.01	0.00	240.21		
Total	0.11	0.53	1.43	0.00	0.01	0.01	0.01	0.00	240.03	240.03	0.01	0.00	240.21		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.05	0.03	0.00	0.01	0.00	0.01	0.00	18.09	18.09	0.00	0.00	18.10		
Worker	0.01	0.00	0.05	0.00	0.03	0.00	0.03	0.00	16.62	16.62	0.00	0.00	16.63		
Total	0.01	0.05	0.08	0.00	0.04	0.00	0.04	0.00	34.71	34.71	0.00	0.00	34.73		

3.6 Paving - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Off-Road	0.01	0.08	0.12	0.00	0.00	0.00	0.00	0.00	17.20	0.00	0.00	17.22			
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	0.01	0.08	0.12	0.00	0.00	0.00	0.00	17.20	17.20	0.00	0.00	17.22			

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.00	0.00	0.69			
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.00	0.00	0.69			

3.6 Paving - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Off-Road	0.01	0.08	0.12	0.00	0.00	0.00	0.00	0.00	17.20	0.00	0.00	17.22			
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	0.01	0.08	0.12	0.00	0.00	0.00	0.00	17.20	17.20	0.00	0.00	17.22			

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.00	0.00	0.69			
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.00	0.00	0.69			

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Archit. Coating	0.28					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.79	1.79	0.00	0.00	1.79
Total	0.28	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.79	1.79	0.00	0.00	1.79

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.00	0.00	0.35
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.00	0.00	0.35

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Archit. Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Off-Road	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	1.79	1.79	0.00	0.00	0.00	1.79	
Total	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	1.79	1.79	0.00	0.00	0.00	1.79	

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.35	
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.35	

West Adams Community Plan Update
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	200	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Utility Company
Climate Zone	11	Precipitation Freq (Days)	31	

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2005	3.61	8.36	5.04	0.06	0.17	0.55	0.72	0.04	0.54	0.58	0.00	607.85	607.85	0.10	0.00	610.02
Total	3.61	8.36	5.04	0.06	0.17	0.55	0.72	0.04	0.54	0.58	0.00	607.85	607.85	0.10	0.00	610.02

Mitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2005	3.61	8.36	5.04	0.06	0.17	0.55	0.72	0.04	0.54	0.58	0.00	607.85	607.85	0.10	0.00	610.02
Total	3.61	8.36	5.04	0.06	0.17	0.55	0.72	0.04	0.54	0.58	0.00	607.85	607.85	0.10	0.00	610.02

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.13	1.10	0.59	0.01	0.06	0.06	0.06	0.00	68.12	68.12	0.01	0.00	68.35	
Total	0.13	1.10	0.59	0.01	0.06	0.06	0.06	0.00	68.12	68.12	0.01	0.00	68.35	

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.47	1.47	0.00	0.00	1.47	
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.47	1.47	0.00	0.00	1.47	

3.2 Demolition - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.13	1.10	0.59	0.01	0.06	0.06	0.00	68.12	68.12	0.01	0.00	68.35		
Total	0.13	1.10	0.59	0.01	0.06	0.06	0.00	68.12	68.12	0.01	0.00	68.35		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	1.47	1.47	0.00	0.00	1.47		
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	1.47	1.47	0.00	0.00	1.47		

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Fugitive Dust					0.05	0.00	0.05	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.30	0.17	0.00		0.02	0.02	0.02	0.00	0.02	0.00	18.13	0.00	0.00	0.00	18.20
Total	0.04	0.30	0.17	0.00	0.05	0.02	0.07	0.04	0.00	0.02	0.00	18.13	0.00	0.00	0.00	18.20

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.44
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.44

3.3 Site Preparation - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Fugitive Dust					0.05	0.00	0.05	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.30	0.17	0.00		0.02	0.02	0.02	0.00	0.02	0.00	18.13	0.00	0.00	18.20
Total	0.04	0.30	0.17	0.00	0.05	0.02	0.07	0.04	0.00	0.02	0.00	18.13	0.00	0.00	18.20

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.44
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.44

3.4 Grading - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Fugitive Dust					0.03	0.00	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.31	0.16	0.00		0.02	0.02	0.02	0.00	0.02	0.00	19.01	0.00	0.00	0.00	19.08
Total	0.04	0.31	0.16	0.00	0.03	0.02	0.05	0.03	0.02	0.02	0.03	19.01	0.00	0.00	0.00	19.08

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.59
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.59

3.4 Grading - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Fugitive Dust					0.03	0.00	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.31	0.16	0.00		0.02	0.02	0.02	0.02	0.00	0.00	19.01	0.00	0.00	19.08
Total	0.04	0.31	0.16	0.00	0.03	0.02	0.05	0.03	0.02	0.02	0.03	19.01	0.00	0.00	19.08

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.59
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.59

3.5 Building Construction - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.86	5.32	2.45	0.04	0.38	0.38	0.00	342.64	342.64	0.07	0.00	344.10		
Total	0.86	5.32	2.45	0.04	0.38	0.38	0.00	342.64	342.64	0.07	0.00	344.10		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.08	0.86	0.61	0.01	0.03	0.03	0.00	74.33	74.33	0.00	0.00	74.41		
Worker	0.07	0.08	0.79	0.00	0.07	0.00	0.00	58.52	58.52	0.01	0.00	58.65		
Total	0.15	0.94	1.40	0.01	0.10	0.03	0.13	132.85	132.85	0.01	0.00	133.06		

3.5 Building Construction - 2005

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.86	5.32	2.45	0.04		0.38	0.38	0.38	0.38	0.38	0.00	342.64	342.64	0.07	0.00	344.10
Total	0.86	5.32	2.45	0.04		0.38	0.38	0.38	0.38	0.38	0.00	342.64	342.64	0.07	0.00	344.10

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.08	0.86	0.61	0.01	0.03	0.03	0.06	0.00	0.03	0.03	0.00	74.33	74.33	0.00	0.00	74.41
Worker	0.07	0.08	0.79	0.00	0.07	0.00	0.07	0.00	0.00	0.00	0.00	58.52	58.52	0.01	0.00	58.65
Total	0.15	0.94	1.40	0.01	0.10	0.03	0.13	0.00	0.03	0.03	0.00	132.85	132.85	0.01	0.00	133.06

3.6 Paving - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Off-Road	0.06	0.35	0.17	0.00	0.03	0.03	0.03	0.00	19.60	19.60	0.01	0.00	19.70		
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total	0.06	0.35	0.17	0.00	0.03	0.03	0.03	0.00	19.60	19.60	0.01	0.00	19.70		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.76	1.76	0.00	0.00	1.76		
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.76	1.76	0.00	0.00	1.76		

3.6 Paving - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Off-Road	0.06	0.35	0.17	0.00	0.03	0.03	0.03	0.00	19.60	19.60	0.01	0.00	19.70		
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total	0.06	0.35	0.17	0.00	0.03	0.03	0.03	0.00	19.60	19.60	0.01	0.00	19.70		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.76	1.76	0.00	0.00	1.76		
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.76	1.76	0.00	0.00	1.76		

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr										MT/yr						
Archit. Coating	2.32					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.04	0.02	0.00		0.00	0.00		0.00	0.00	0.00	2.17	2.17	0.00	0.00	0.00	2.18
Total	2.33	0.04	0.02	0.00		0.00	0.00		0.00	0.00	0.00	2.17	2.17	0.00	0.00	0.00	2.18

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr										MT/yr						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08	1.08	0.00	0.00	0.00	1.08
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08	1.08	0.00	0.00	0.00	1.08

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Archit. Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Off-Road	0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	2.17	2.17	0.00	0.00	0.00	2.18	
Total	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	2.17	2.17	0.00	0.00	0.00	2.18	

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.08	1.08	0.00	0.00	0.00	1.08	
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.08	1.08	0.00	0.00	0.00	1.08	

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South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	200	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Utility Company
Climate Zone	11	Precipitation Freq (Days)	31	

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2030	2.58	1.34	2.93	0.01	0.17	0.04	0.21	0.04	0.04	0.07	0.00	590.43	590.43	0.02	0.00	590.86
Total	2.58	1.34	2.93	0.01	0.17	0.04	0.21	0.04	0.04	0.07	0.00	590.43	590.43	0.02	0.00	590.86

Mitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2030	2.58	1.34	2.93	0.01	0.17	0.04	0.21	0.04	0.04	0.07	0.00	590.43	590.43	0.02	0.00	590.86
Total	2.58	1.34	2.93	0.01	0.17	0.04	0.21	0.04	0.04	0.07	0.00	590.43	590.43	0.02	0.00	590.86

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.04	0.17	0.30	0.00	0.01	0.01	0.00	68.12	68.12	0.00	0.00	68.18		
Total	0.04	0.17	0.30	0.00	0.01	0.01	0.00	68.12	68.12	0.00	0.00	68.18		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	0.00	0.00	1.06		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	0.00	0.00	1.06		

3.2 Demolition - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.04	0.17	0.30	0.00	0.01	0.01	0.00	68.12	68.12	0.00	0.00	68.18		
Total	0.04	0.17	0.30	0.00	0.01	0.01	0.00	68.12	68.12	0.00	0.00	68.18		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	0.00	0.00	1.06		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	0.00	0.00	1.06		

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Fugitive Dust	0.01	0.05	0.05	0.00	0.04	0.00	0.04	0.02	0.00	0.02	0.00	0.00	0.00	
Off-Road	0.01	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.51	0.00	14.52	
Total	0.01	0.05	0.05	0.00	0.04	0.00	0.04	0.02	0.00	0.02	14.51	0.00	14.52	

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.25	
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.25	

3.3 Site Preparation - 2030

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.04	0.00	0.04	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.05	0.05	0.00		0.00	0.00	0.00	0.00	0.00	0.00	14.51	14.51	0.00	0.00	14.52
Total	0.01	0.05	0.05	0.00	0.04	0.00	0.04	0.02	0.00	0.02	0.00	14.51	14.51	0.00	0.00	14.52

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.00	0.00	0.25
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.00	0.00	0.25

3.4 Grading - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Fugitive Dust					0.03	0.00	0.03	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.05	0.11	0.00			0.00	0.00	0.00	0.00	0.00	21.39	0.00	0.00	0.00	21.41
Total	0.01	0.05	0.11	0.00	0.03	0.00	0.03	0.02	0.00	0.00	0.02	0.00	21.39	0.00	0.00	21.41

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.48
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.48

3.4 Grading - 2030

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.03	0.00	0.03	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.05	0.11	0.00		0.00	0.00	0.00	0.00	0.00	0.00	21.39	21.39	0.00	0.00	21.41
Total	0.01	0.05	0.11	0.00	0.03	0.00	0.03	0.02	0.00	0.02	0.00	21.39	21.39	0.00	0.00	21.41

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.48	0.00	0.00	0.48
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.48	0.00	0.00	0.48

3.5 Building Construction - 2030

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.15	0.75	2.03	0.00		0.02	0.02		0.02	0.02	0.00	340.81	340.81	0.01	0.00	341.07
Total	0.15	0.75	2.03	0.00		0.02	0.02		0.02	0.02	0.00	340.81	340.81	0.01	0.00	341.07

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.02	0.22	0.14	0.00	0.03	0.01	0.03	0.00	0.01	0.01	0.00	77.07	77.07	0.00	0.00	77.09
Worker	0.01	0.01	0.13	0.00	0.07	0.00	0.07	0.00	0.00	0.00	0.00	41.95	41.95	0.00	0.00	41.98
Total	0.03	0.23	0.27	0.00	0.10	0.01	0.10	0.00	0.01	0.01	0.00	119.02	119.02	0.00	0.00	119.07

3.5 Building Construction - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr											MT/yr				
Off-Road	0.15	0.75	2.03	0.00		0.02	0.02		0.02	0.02	0.00	340.81	340.81	0.01	0.00	341.07
Total	0.15	0.75	2.03	0.00		0.02	0.02		0.02	0.02	0.00	340.81	340.81	0.01	0.00	341.07

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr											MT/yr				
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.02	0.22	0.14	0.00	0.03	0.01	0.03	0.00	0.01	0.01	0.00	77.07	77.07	0.00	0.00	77.09
Worker	0.01	0.01	0.13	0.00	0.07	0.00	0.07	0.00	0.00	0.00	0.00	41.95	41.95	0.00	0.00	41.98
Total	0.03	0.23	0.27	0.00	0.10	0.01	0.10	0.00	0.01	0.01	0.00	119.02	119.02	0.00	0.00	119.07

3.6 Paving - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Off-Road	0.01	0.09	0.15	0.00	0.00	0.00	0.00	0.00	0.00	20.68	0.00	0.00	20.71		
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total	0.01	0.09	0.15	0.00	0.00	0.00	0.00	0.00	0.00	20.68	0.00	0.00	20.71		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.00	1.34		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.00	1.34		

3.6 Paving - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Off-Road	0.01	0.09	0.15	0.00	0.00	0.00	0.00	0.00	20.68	0.00	0.00	20.71			
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	0.01	0.09	0.15	0.00	0.00	0.00	0.00	0.00	20.68	0.00	0.00	20.71			

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.00	1.34			
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.00	1.34			

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr										MT/yr						
Archit. Coating	2.32					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	2.04	2.04	0.00	0.00	0.00	2.04
Total	2.32	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	2.04	2.04	0.00	0.00	0.00	2.04

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr										MT/yr						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.00	0.73
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.00	0.73

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Archit. Coating	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Off-Road	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	2.04	0.00	0.00	2.04		
Total	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	2.04	0.00	0.00	2.04		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.73		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.73		

West Adams Community Plan Update
 South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Utility Company
Climate Zone	11	Precipitation Freq (Days)	31	

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2005	2.25	5.90	3.59	0.04	0.08	0.40	0.48	0.01	0.40	0.41	0.00	425.65	425.65	0.09	0.00	427.48
Total	2.25	5.90	3.59	0.04	0.08	0.40	0.48	0.01	0.40	0.41	0.00	425.65	425.65	0.09	0.00	427.48

Mitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2005	2.25	5.90	3.59	0.04	0.06	0.40	0.46	0.01	0.40	0.40	0.00	425.65	425.65	0.09	0.00	427.48
Total	2.25	5.90	3.59	0.04	0.06	0.40	0.46	0.01	0.40	0.40	0.00	425.65	425.65	0.09	0.00	427.48

3.2 Demolition - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.08	0.59	0.33	0.00	0.04	0.04	0.04	0.00	35.79	35.79	0.01	0.00	35.93	
Total	0.08	0.59	0.33	0.00	0.04	0.04	0.04	0.00	35.79	35.79	0.01	0.00	35.93	

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27	
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27	

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.08	0.59	0.33	0.00	0.04	0.04	0.00	35.79	35.79	0.01	0.00	35.93		
Total	0.08	0.59	0.33	0.00	0.04	0.04	0.00	35.79	35.79	0.01	0.00	35.93		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27		
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27		

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.08	0.04	0.00		0.00	0.00		0.00	0.00	0.00	5.33	5.33	0.00	0.00	5.35
Total	0.01	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.33	5.33	0.00	0.00	5.35

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.00	0.00	0.12
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.00	0.00	0.12

3.3 Site Preparation - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Off-Road	0.01	0.08	0.04	0.00			0.00	0.00	0.00	5.33	0.00	0.00	0.00	5.35	
Total	0.01	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	5.33	0.00	0.00	0.00	5.35	

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.12		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.12		

3.4 Grading - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Fugitive Dust					0.02	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.02	0.17	0.09	0.00		0.01	0.01	0.01	0.00	0.01	0.00	10.41	0.00	0.00	0.00	10.45
Total	0.02	0.17	0.09	0.00	0.02	0.01	0.03	0.02	0.01	0.01	0.02	10.41	0.00	0.00	0.00	10.45

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.29
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.29

3.4 Grading - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Fugitive Dust					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.02	0.17	0.09	0.00		0.01	0.01	0.01	0.01	0.00	0.00	10.41	0.00	0.00	10.45
Total	0.02	0.17	0.09	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.01	10.41	0.00	0.00	10.45

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.29
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.29

3.5 Building Construction - 2005

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.85	4.36	2.25	0.03		0.31	0.31	0.31	0.31	0.31	0.00	290.29	290.29	0.07	0.00	291.75
Total	0.85	4.36	2.25	0.03		0.31	0.31	0.31	0.31	0.31	0.00	290.29	290.29	0.07	0.00	291.75

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.04	0.44	0.32	0.00	0.01	0.02	0.03	0.00	0.02	0.02	0.00	38.16	38.16	0.00	0.00	38.20
Worker	0.04	0.04	0.42	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	30.98	30.98	0.00	0.00	31.05
Total	0.08	0.48	0.74	0.00	0.05	0.02	0.07	0.00	0.02	0.02	0.00	69.14	69.14	0.00	0.00	69.25

3.5 Building Construction - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.85	4.36	2.25	0.03	0.31	0.31	0.31	0.00	290.29	290.29	0.07	0.00	291.75		
Total	0.85	4.36	2.25	0.03	0.31	0.31	0.31	0.00	290.29	290.29	0.07	0.00	291.75		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.04	0.44	0.32	0.00	0.01	0.02	0.03	0.00	38.16	38.16	0.00	0.00	38.20		
Worker	0.04	0.04	0.42	0.00	0.04	0.00	0.04	0.00	30.98	30.98	0.00	0.00	31.05		
Total	0.08	0.48	0.74	0.00	0.05	0.02	0.07	0.00	69.14	69.14	0.00	0.00	69.25		

3.6 Paving - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.03	0.19	0.09	0.00	0.02	0.02	0.02	0.00	10.85	10.85	0.00	0.00	10.91		
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total	0.03	0.19	0.09	0.00	0.02	0.02	0.02	0.00	10.85	10.85	0.00	0.00	10.91		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.74		
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.74		

3.6 Paving - 2005

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.03	0.19	0.09	0.00		0.02	0.02		0.02	0.02	0.00	10.85	10.85	0.00	0.00	10.91
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.19	0.09	0.00		0.02	0.02		0.02	0.02	0.00	10.85	10.85	0.00	0.00	10.91

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.74
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.74

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Archit. Coating	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Off-Road	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15	
Total	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15	

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.26	0.00	0.00	0.00	0.26	
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.26	0.00	0.00	0.00	0.26	

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Archit. Coating	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Off-Road	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15	
Total	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15	

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.26	0.00	0.00	0.00	0.26	
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.26	0.00	0.00	0.00	0.26	

West Adams Community Plan Update
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Utility Company
Climate Zone	11	Precipitation Freq (Days)	31	

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2030	1.36	1.11	2.15	0.00	0.07	0.03	0.10	0.01	0.03	0.04	0.00	419.63	419.63	0.02	0.00	419.96
Total	1.36	1.11	2.15	0.00	0.07	0.03	0.10	0.01	0.03	0.04	0.00	419.63	419.63	0.02	0.00	419.96

Mitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2030	1.36	1.11	2.15	0.00	0.06	0.03	0.09	0.00	0.03	0.03	0.00	419.63	419.63	0.02	0.00	419.96
Total	1.36	1.11	2.15	0.00	0.06	0.03	0.09	0.00	0.03	0.03	0.00	419.63	419.63	0.02	0.00	419.96

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.02	0.11	0.16	0.00	0.00	0.00	0.00	0.00	34.00	0.00	0.00	34.04		
Total	0.02	0.11	0.16	0.00	0.00	0.00	0.00	0.00	34.00	0.00	0.00	34.04		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.87		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.87		

3.2 Demolition - 2030

Mitigated Construction On-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.02	0.11	0.16	0.00		0.00	0.00		0.00	0.00	0.00	34.00	34.00	0.00	0.00	0.00	34.04
Total	0.02	0.11	0.16	0.00		0.00	0.00		0.00	0.00	0.00	34.00	34.00	0.00	0.00	0.00	34.04

Mitigated Construction Off-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.87	0.00	0.00	0.00	0.87
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.87	0.00	0.00	0.00	0.87

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.03	0.00				0.00	0.00	7.11	0.00	0.00	0.00	0.00	7.11
Total	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	7.11	0.00	0.00	0.00	0.00	7.11

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11

3.3 Site Preparation - 2030

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.03	0.00		0.00	0.00		0.00	0.00	0.00	7.11	7.11	0.00	0.00	7.11
Total	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.11	7.11	0.00	0.00	7.11

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.00	0.00	0.11
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.00	0.00	0.11

3.4 Grading - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Fugitive Dust	0.00	0.02	0.04	0.00	0.02	0.00	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.68	0.00	0.00	0.00	8.69
Total	0.00	0.02	0.04	0.00	0.02	0.00	0.02	0.01	0.00	0.00	0.01	0.00	8.68	0.00	0.00	8.69

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.18
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.18

3.4 Grading - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Fugitive Dust	0.00	0.02	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.68	0.00	0.00	8.69
Total	0.00	0.02	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.68	0.00	0.00	8.69

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18

3.5 Building Construction - 2030

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.15	0.80	1.69	0.00		0.02	0.02		0.02	0.02	0.00	293.22	293.22	0.01	0.00	293.47
Total	0.15	0.80	1.69	0.00		0.02	0.02		0.02	0.02	0.00	293.22	293.22	0.01	0.00	293.47

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.11	0.07	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	40.18	40.18	0.00	0.00	40.19
Worker	0.01	0.01	0.07	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	22.56	22.56	0.00	0.00	22.57
Total	0.02	0.12	0.14	0.00	0.05	0.00	0.06	0.00	0.00	0.00	0.00	62.74	62.74	0.00	0.00	62.76

3.5 Building Construction - 2030

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.15	0.80	1.69	0.00		0.02	0.02		0.02	0.02	0.00	293.22	293.22	0.01	0.00	293.47
Total	0.15	0.80	1.69	0.00		0.02	0.02		0.02	0.02	0.00	293.22	293.22	0.01	0.00	293.47

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.11	0.07	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	40.18	40.18	0.00	0.00	40.19
Worker	0.01	0.01	0.07	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	22.56	22.56	0.00	0.00	22.57
Total	0.02	0.12	0.14	0.00	0.05	0.00	0.06	0.00	0.00	0.00	0.00	62.74	62.74	0.00	0.00	62.76

3.6 Paving - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.01	0.05	0.08	0.00	0.00	0.00	0.00	0.00	10.85	10.85	0.00	0.00	10.87		
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total	0.01	0.05	0.08	0.00	0.00	0.00	0.00	0.00	10.85	10.85	0.00	0.00	10.87		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.53	0.00	0.00	0.53		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.53	0.00	0.00	0.53		

3.6 Paving - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Off-Road	0.01	0.05	0.08	0.00	0.00	0.00	0.00	0.00	0.00	10.85	0.00	0.00	0.00	10.87	
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.01	0.05	0.08	0.00	0.00	0.00	0.00	0.00	0.00	10.85	0.00	0.00	0.00	10.87	

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.53	
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.53	

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr										MT/yr						
Archit. Coating	1.16					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.00	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15
Total	1.16	0.00	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr										MT/yr						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.19
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.19

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Archit. Coating	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Off-Road	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15	
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15	

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.19	
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.19	

West Adams Community Plan Update
 South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Light Industry	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Utility Company
Climate Zone	11	Precipitation Freq (Days)	31	

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - .

Construction Off-road Equipment Mitigation - 61% reduction due to Rule 403.

Area Mitigation - .

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2005	2.26	5.91	3.72	0.04	0.09	0.40	0.49	0.01	0.40	0.41	0.00	435.41	435.41	0.09	0.00	437.28
Total	2.26	5.91	3.72	0.04	0.09	0.40	0.49	0.01	0.40	0.41	0.00	435.41	435.41	0.09	0.00	437.28

Mitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2005	2.26	5.91	3.72	0.04	0.07	0.40	0.48	0.01	0.40	0.41	0.00	435.41	435.41	0.09	0.00	437.28
Total	2.26	5.91	3.72	0.04	0.07	0.40	0.48	0.01	0.40	0.41	0.00	435.41	435.41	0.09	0.00	437.28

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2005

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.08	0.59	0.33	0.00		0.04	0.04		0.04	0.04	0.00	35.79	35.79	0.01	0.00	35.93
Total	0.08	0.59	0.33	0.00		0.04	0.04		0.04	0.04	0.00	35.79	35.79	0.01	0.00	35.93

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27

3.2 Demolition - 2005

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.08	0.59	0.33	0.00		0.04	0.04		0.04	0.04	0.00	35.79	35.79	0.01	0.00	35.93
Total	0.08	0.59	0.33	0.00		0.04	0.04		0.04	0.04	0.00	35.79	35.79	0.01	0.00	35.93

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.27	0.00	0.00	1.27

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Fugitive Dust	0.01	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Off-Road	0.01	0.08	0.04	0.00	0.00	0.00	0.00	0.00	5.33	0.00	0.00	5.35		
Total	0.01	0.08	0.04	0.00	0.00	0.00	0.00	0.00	5.33	0.00	0.00	5.35		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.00	0.00	0.12		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.00	0.00	0.12		

3.3 Site Preparation - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Fugitive Dust	0.01	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Off-Road	0.01	0.08	0.04	0.00	0.00	0.00	0.00	0.00	5.33	0.00	0.00	5.35		
Total	0.01	0.08	0.04	0.00	0.00	0.00	0.00	0.00	5.33	0.00	0.00	5.35		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.12		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.12		

3.4 Grading - 2005

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.02	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.02	0.17	0.09	0.00		0.01	0.01		0.01	0.01	0.00	10.41	10.41	0.00	0.00	10.45
Total	0.02	0.17	0.09	0.00	0.02	0.01	0.03	0.01	0.01	0.02	0.00	10.41	10.41	0.00	0.00	10.45

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.29	0.00	0.00	0.29
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.29	0.00	0.00	0.29

3.4 Grading - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr											MT/yr					
Fugitive Dust					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.02	0.17	0.09	0.00		0.01	0.01		0.01	0.01	0.00	10.41	10.41	0.00	0.00	0.00	10.45
Total	0.02	0.17	0.09	0.00	0.01	0.01	0.02	0.00	0.01	0.01	0.00	10.41	10.41	0.00	0.00	0.00	10.45

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr											MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.29	0.00	0.00	0.00	0.29
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.29	0.00	0.00	0.00	0.29

3.5 Building Construction - 2005

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.85	4.36	2.25	0.03		0.31	0.31		0.31	0.31	0.00	290.29	290.29	0.07	0.00	291.75
Total	0.85	4.36	2.25	0.03		0.31	0.31		0.31	0.31	0.00	290.29	290.29	0.07	0.00	291.75

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.04	0.44	0.32	0.00	0.01	0.02	0.03	0.00	0.02	0.02	0.00	38.16	38.16	0.00	0.00	38.20
Worker	0.05	0.05	0.55	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	40.66	40.66	0.00	0.00	40.75
Total	0.09	0.49	0.87	0.00	0.06	0.02	0.08	0.00	0.02	0.02	0.00	78.82	78.82	0.00	0.00	78.95

3.5 Building Construction - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.85	4.36	2.25	0.03	0.31	0.31	0.00	290.29	290.29	0.07	0.00	291.75		
Total	0.85	4.36	2.25	0.03	0.31	0.31	0.00	290.29	290.29	0.07	0.00	291.75		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.04	0.44	0.32	0.00	0.02	0.03	0.00	38.16	38.16	0.00	0.00	38.20		
Worker	0.05	0.05	0.55	0.00	0.05	0.05	0.00	40.66	40.66	0.00	0.00	40.75		
Total	0.09	0.49	0.87	0.00	0.02	0.08	0.00	78.82	78.82	0.00	0.00	78.95		

3.6 Paving - 2005

Unmitigated Construction On-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.03	0.19	0.09	0.00		0.02	0.02		0.02	0.02	0.00	10.85	10.85	0.00	0.00	0.00	10.91
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.19	0.09	0.00		0.02	0.02		0.02	0.02	0.00	10.85	10.85	0.00	0.00	0.00	10.91

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.00	0.74
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.00	0.74

3.6 Paving - 2005

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.03	0.19	0.09	0.00		0.02	0.02		0.02	0.02	0.00	10.85	10.85	0.00	0.00	10.91
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.19	0.09	0.00		0.02	0.02		0.02	0.02	0.00	10.85	10.85	0.00	0.00	10.91

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.74
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.73	0.00	0.00	0.74

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Archit. Coating	1.16					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15
Total	1.16	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.35
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.35

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Archit. Coating	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Off-Road	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15	
Total	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	1.15	

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.35	
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.35	

West Adams Community Plan Update
 South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Light Industry	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Utility Company
Climate Zone	11	Precipitation Freq (Days)	31	

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - .

Construction Off-road Equipment Mitigation - 61% reduction due to Rule 403.

Area Mitigation - .

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2030	1.36	1.11	2.17	0.01	0.09	0.03	0.11	0.01	0.03	0.04	0.00	426.74	426.74	0.02	0.00	427.08
Total	1.36	1.11	2.17	0.01	0.09	0.03	0.11	0.01	0.03	0.04	0.00	426.74	426.74	0.02	0.00	427.08

Mitigated Construction

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2030	1.36	1.11	2.17	0.01	0.07	0.03	0.10	0.00	0.03	0.03	0.00	426.74	426.74	0.02	0.00	427.08
Total	1.36	1.11	2.17	0.01	0.07	0.03	0.10	0.00	0.03	0.03	0.00	426.74	426.74	0.02	0.00	427.08

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2030

Unmitigated Construction On-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.02	0.11	0.16	0.00		0.00	0.00		0.00	0.00	0.00	34.00	34.00	0.00	0.00	0.00	34.04
Total	0.02	0.11	0.16	0.00		0.00	0.00		0.00	0.00	0.00	34.00	34.00	0.00	0.00	0.00	34.04

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.87	0.00	0.00	0.00	0.87
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.87	0.00	0.00	0.00	0.87

3.2 Demolition - 2030

Mitigated Construction On-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.02	0.11	0.16	0.00		0.00	0.00		0.00	0.00	0.00	34.00	34.00	0.00	0.00	0.00	34.04
Total	0.02	0.11	0.16	0.00		0.00	0.00		0.00	0.00	0.00	34.00	34.00	0.00	0.00	0.00	34.04

Mitigated Construction Off-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.87	0.00	0.00	0.00	0.87
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.87	0.00	0.00	0.00	0.87

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.03	0.00				0.00	0.00	7.11	0.00	0.00	0.00	0.00	7.11
Total	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	7.11	0.00	0.00	0.00	0.00	7.11

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11

3.3 Site Preparation - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.03	0.00				0.00	0.00	7.11	0.00	0.00	0.00	0.00	7.11
Total	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	7.11	0.00	0.00	0.00	0.00	7.11

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11

3.4 Grading - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Fugitive Dust	0.00	0.02	0.04	0.00	0.02	0.00	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.68	0.00	0.00	8.69
Total	0.00	0.02	0.04	0.00	0.02	0.00	0.02	0.01	0.00	0.00	0.01	0.00	8.68	0.00	0.00	8.69

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e				
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18

3.4 Grading - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Fugitive Dust	0.00	0.02	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.68	0.00	0.00	8.69
Total	0.00	0.02	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.68	0.00	0.00	8.69

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18

3.5 Building Construction - 2030

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.15	0.80	1.69	0.00		0.02	0.02		0.02	0.02	0.00	293.22	293.22	0.01	0.00	293.47
Total	0.15	0.80	1.69	0.00		0.02	0.02		0.02	0.02	0.00	293.22	293.22	0.01	0.00	293.47

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.11	0.07	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	40.18	40.18	0.00	0.00	40.19
Worker	0.01	0.01	0.09	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	29.60	29.60	0.00	0.00	29.62
Total	0.02	0.12	0.16	0.00	0.06	0.00	0.07	0.00	0.00	0.00	0.00	69.78	69.78	0.00	0.00	69.81

3.5 Building Construction - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.15	0.80	1.69	0.00	0.02	0.02	0.00	293.22	293.22	0.01	0.00	293.47		
Total	0.15	0.80	1.69	0.00	0.02	0.02	0.00	293.22	293.22	0.01	0.00	293.47		

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr				
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.01	0.11	0.07	0.00	0.01	0.00	0.00	40.18	40.18	0.00	0.00	40.19		
Worker	0.01	0.01	0.09	0.00	0.05	0.00	0.00	29.60	29.60	0.00	0.00	29.62		
Total	0.02	0.12	0.16	0.00	0.06	0.00	0.00	69.78	69.78	0.00	0.00	69.81		

3.6 Paving - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Off-Road	0.01	0.05	0.08	0.00	0.00	0.00	0.00	0.00	10.85	10.85	0.00	0.00	10.87		
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total	0.01	0.05	0.08	0.00	0.00	0.00	0.00	0.00	10.85	10.85	0.00	0.00	10.87		

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Exhaust PM10	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.53	0.00	0.00	0.53		
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.53	0.00	0.00	0.53		

3.6 Paving - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Off-Road	0.01	0.05	0.08	0.00	0.00	0.00	0.00	0.00	10.85	0.00	0.00	10.87			
Paving	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	0.01	0.05	0.08	0.00	0.00	0.00	0.00	0.00	10.85	0.00	0.00	10.87			

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e
	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e			
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.53			
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.53			

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr											MT/yr				
Archit. Coating	1.16					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.00	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.15	1.15	0.00	0.00	1.15
Total	1.16	0.00	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.15	1.15	0.00	0.00	1.15

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr											MT/yr				
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.00	0.00	0.25
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.00	0.00	0.25

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr											MT/yr				
Archit. Coating	1.16					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.00	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.15	1.15	0.00	0.00	1.15
Total	1.16	0.00	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.15	1.15	0.00	0.00	1.15

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr											MT/yr				
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.00	0.00	0.25
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.00	0.00	0.25

Appendix B

GHG Operational Emissions Calculations

**West Adams Community Plan Update Project - Greenhouse Gas Emissions
Mobile**

<i>Emissions Factors (Grams per Mile)</i>		
Existing Condition (2008)		
Speed (Miles per Hour)	CO2	CH4
30	450.363	0.034
Future With Project (2030)		
Speed (Miles per Hour)	CO2	CH4
30	461.796	0.010

<i>Greenhouse Gas Emissions (Metric Tons per Year)</i>						
	VMT	Speed	CO2	CH4	CH4 - CO2e	Total CO2e
Existing Condition (2008)	3,559,800	30	1,626	0.123	2.58	594,379
Future With Project (2030)	4,111,500	30	1,926	0.042	0.88	703,129
Future vs Existing	551,700	30	300	-0.081	-1.70	108,750

West Adams New Community Plan Project
Operational Greenhouse Gas Emissions for Existing Conditions (2008)

Land Use Type	Greenhouse Gas Emissions, Metric Tons per Year			
	CO2	CH4	N2O	CO2e
Existing Conditions (2005)				
<i>Residential</i>				
General Electricity /a/	155,402	1.29	0.71	155,651
Water-Related Electricity /b/	--	--	--	8,415
Wastewater /c/	--	2,466	--	51,776
Solid Waste /d/	--	--	--	2.26
Natural Gas /a/	212	0.02	0	212
<i>Commercial</i>				
General Electricity /a/	68,158	0.57	0.31	68,267
Water-Related Electricity /b/	--	--	--	1,319
Wastewater /c/	--	135	--	2,842
Solid Waste /d/	--	--	--	0.91
Natural Gas /e/	24	0.002	0	24
<i>Industrial</i>				
General Electricity /a/	43,622	0.36	0.20	43,692
Water-Related Electricity /b/	--	--	--	615
Wastewater /c/	--	10	--	215
Solid Waste /d/	--	--	--	3.22
Natural Gas /e/	14	0	0	14
<i>Public Facility</i>				
General Electricity /a/	2,621	0.02	0.01	2,625
Water-Related Electricity /b/	--	--	--	19
Wastewater /c/	--	2	--	41
Solid Waste /d/	--	--	--	0.01
Natural Gas /e/	1	0.00	0	1

Summary of Estimated Greenhouse Gas Emissions Operations

Scenario	CO2 Equivalent Emissions (Metric Tons per Year)
Existing Conditions (2008)	
General Electricity	270,234.80
Water-Related Electricity	10,368.13
Wastewater	54,874.52
Solid Waste	6.40
Natural Gas	251

/a/ Emissions from energy use is calculated using the formula provided from CalEEMod. Emissions = Emission Factor x Energy Intensity x Size of Building. Emission factor is based on CCAR. Emission factors for CO2 and CH4 are 804.54 lbs/MWh and 0.0067 lbs/MWh respectively for general electricity. Emission factors natural gas is 53.06 kg/MMBTU and 0.001 kg/MMBTU for CO2 and NO2, respectively. CH4 emission factor for residential and commercial is 0.005 kg/MMBTU; and 0.001kg/MMBTU for manufacturing.

/b/ CO2e emissions associated with water usage is calculated according to CalEEMod formula. GHG emissions = Water (MGal)*Electricity (kWh/Mgal)*Utility (CO2e/kWh). Electricity intensity factor for indoor water usage is 13,022 kWh/MG for Southern CA and was obtained from the 2006 CEC report, "Refining Estimates of Water-Related Energy Use in California". Carbon intensity is 27 gCO2e/MJ and is provided in the 2007 "A Low-Carbon Fuel Standard for California" report.

/c/ Emissions calculated according to Local Government Operation Protocol (LGOP) equations. CH4(MT) = Wastewater * Biological Oxygen Demand, BOD (mg/liter) * 10⁻⁶ *(1-Fraction of BOD removed) * Maximum CH4-Producing Capacity for Domestic Wastewater) * CH4 Correction Factor * Fraction of overall BOD Removal Performance * 10⁻³. LGOP default values were used.

/d/ Emissions was calculated by multiplying the emissions rate and the amount of soild waste is generated. Emissions rate was obtained from www.calrecycle.ca.gov.

West Adams New Community Plan Project
Operational Greenhouse Gas Emissions for Future with Project (2030)

Land Use Type	Greenhouse Gas Emissions, Metric Tons per Year			
	CO2	CH4	N2O	CO2e
Existing Conditions (2005)				
<i>Residential</i>				
General Electricity /a/	201,504	1.68	0.93	201,827
Water-Related Electricity /b/	--	--	--	10,129
Wastewater /c/	--	3183	--	66,849
Solid Waste /d/	--	--	--	2.26
Natural Gas /a/	272	0.03	0	273
<i>Commercial</i>				
General Electricity /a/	88,832	0.74	0.41	88,974
Water-Related Electricity /b/	--	--	--	1,576
Wastewater /c/	--	176	--	3704
Solid Waste /d/	--	--	--	1.19
Natural Gas /e/	31	0.003	0	31
<i>Industrial</i>				
General Electricity /a/	24,971	0.21	0.11	25,011
Water-Related Electricity /b/	--	--	--	323
Wastewater /c/	--	57	--	1207
Solid Waste /d/	--	--	--	3.22
Natural Gas /e/	8	0	0	8
<i>Public Facility</i>				
General Electricity /a/	14,893	0.12	0.07	14,917
Water-Related Electricity /b/	--	--	--	323
Wastewater /c/	--	11	--	233
Solid Waste /d/	--	--	--	0.07
Natural Gas /e/	5	0.00	0	5

Summary of Estimated Greenhouse Gas Emissions Operations

Scenario	CO2 Equivalent Emissions (Metric Tons per Year)
Existing Conditions (2008)	
General Electricity	330,728.76
Water-Related Electricity	12,349.94
Wastewater	71,992.44
Solid Waste	6.74
Natural Gas	317

/a/ Emissions from energy use is calculated using the formula provided from CalEEMod. Emissions = Emission Factor x Energy Intensity x Size of Building. Emission factor is based on CCAR. Emission factors for CO2 and CH4 are 804.54 lbs/MWh and 0.0067 lbs/MWh respectively for general electricity. Emission factors natural gas is 53.06 kg/MMBTU and 0.001 kg/MMBTU for CO2 and NO2, respectively. CH4 emission factor for residential and commercial is 0.005 kg/MMBTU; and 0.001kg/MMBTU for manufacturing.

/b/ CO2e emissions associated with water usage is calculated according to CalEEMod formula. GHG emissions = Water (MGal)*Electricity (kWh/Mgal)*Utility (CO2e/kWh). Electricity intensity factor for indoor water usage is 13,022 kWh/MG for Southern CA and was obtained from the 2006 CEC report, "Refining Estimates of Water-Related Energy Use in California". Carbon intensity is 27 gCO2e/MJ and is provided in the 2007 "A Low-Carbon Fuel Standard for California" report.

/c/ Emissions calculated according to Local Government Operation Protocol (LGOP) equations. CH4(MT) = Wastewater * Biological Oxygen Demand, BOD (mg/liter) * 10⁻⁶ *(1-Fraction of BOD removed) * Maximum CH4-Producing Capacity for Domestic Wastewater) * CH4 Correction Factor * Fraction of overall BOD Removal Performance * 10⁻³. LGOP default values were used.

/d/ Emissions was calculated by multiplying the emissions rate and the amount of soild waste is generated. Emissions rate was obtained from www.calrecycle.ca.gov.

**West Adams Community Plan Update
Greenhouse Gas Emissions for Construction Phase**

CO2 Emissions, (Metric Tons)		
Scenario	Total Tons Produced	Total Tons Produced with Project
Construction Phase		
Commercial	607.85	15,804.10
Industrial	435.41	3,483.28
Public Facilities	425.65	9,789.95
Residential	703.18	167,356.84
Total	2,172.09	196,434.17
Average Total	3,736.33	8,928.83

Average Tons Per Year was determined by assuming the development will be distributed evenly over 22 years.