

# **AIR QUALITY REVIEW**

**for the**

## **Sunport Boulevard Extension**

**Control Number A300160**

**Prepared for  
Bernalillo County**

**Prepared by  
Cienega Environmental  
and  
URS Corporation**

**September 2013**

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A City of Albuquerque CO Monitoring Data: 2008-2012

# SUNPORT BOULEVARD EXTENSION AIR QUALITY REVIEW

## 1.0 INTRODUCTION

The following report was prepared to provide additional information on air quality issues related to the Sunport Boulevard Extension project (Control Number A300160) in response to concerns expressed by San Jose community residents over possible impacts from the project on health, safety, and quality of life. The primary air quality issues raised by the president of the San Jose Neighborhood Association and others who have signed petitions and written comments concern emissions from additional traffic in the area and the effects that improved access will have on attracting new industries that emit air pollution. This report examines transportation related air pollutant background levels and project related emissions and identifies industries with permits for stationary source emissions in the area.

The Sunport project extends between Interstate 25 (I-25) and Broadway Boulevard (Broadway), in Bernalillo County, and is sponsored by Bernalillo County (County), as local government lead, with participation by the Federal Highway Administration (FHWA). In 2011 and 2012, an environmental assessment (EA) was prepared by URS Corporation to document the social, economic, and environmental effects of the proposed improvements. The EA incorporated a number of background studies including an air quality impact analysis (AQIA) that was prepared to evaluate potential traffic-related air quality effects from the proposed improvements (Cienega Environmental, December 2011).

The AQIA was based on traffic analysis for the three signalized intersections with the highest traffic volumes where improvements were proposed: the Northbound I-25/Sunport Ramps, the Southbound I-25/Sunport Ramps, and the Broadway/Sunport Intersection. The analysis utilized computer models to identify traffic related carbon monoxide (CO) levels from the proposed project (this type of project-specific analysis is termed a CO hot spot analysis). The modeling and assumptions in the analysis were prepared in conformance with guidance issued the U.S. Environmental Protection Agency (EPA) and the City of Albuquerque, Environmental Health Department, Air Quality Division (AEHD). The AQIA evaluated the modeled results in relation to the National Ambient Air Quality Standards (NAAQS) over eight-hours and during the peak traffic one-hour period. The results of the AQIA showed that all of the modeled receptors (60 locations around the intersections with the highest traffic volumes) were well below the NAAQS and that the proposed improvements would not cause or contribute to air quality exceedences. The results of the AQIA results included assumptions about background levels of pollutants as well as predicted emissions from the present and future fleet of vehicles, as described in more detail in the following sections.

## 2.0 TRANSPORTATION RELATED AIR QUALITY REGULATIONS IN THE ALBUQUERQUE AREA

The Clean Air Act of 1970 and subsequent amendments (CAAA) establish the framework for nation-wide air quality standards for pollutants. The EPA initially developed the NAAQS for six “criteria” pollutants: Sulfur Dioxide (SO<sub>2</sub>), Particulate Matter equal to and less than 10 micrometers in diameter (PM<sub>10</sub>), Nitrogen Dioxide (NO<sub>2</sub>), CO, Ozone (O<sub>3</sub>), and Lead (Pb). The EPA subsequently developed a NAAQS for Particulate Matter equal to or less than 2.5 micrometers in diameter. CO is considered to be the primary transportation related pollutant, although NO<sub>2</sub> (an ozone precursor) PM<sub>10</sub>, and PM<sub>2.5</sub> are also emitted by vehicles.

Table 1: National Ambient Air Quality Standards					
Pollutant [final rule cite]	Primary/ Secondary	Averaging Time	Level	Form	
<u>Carbon Monoxide</u> [76 FR 54294, Aug 31, 2011]	primary	8-hour	9 ppm	Not to be exceeded more than once per year	
		1-hour	35 ppm		
<u>Lead</u> [73 FR 66964, Nov 12, 2008]	primary and secondary	Rolling 3 month average	0.15 µg/m <sup>3</sup>	Not to be exceeded	
<u>Nitrogen Dioxide</u> [75 FR 6474, Feb 9, 2010] [61 FR 52852, Oct 8, 1996]	primary	1-hour	100 ppb	98th percentile, averaged over 3 years	
	primary and secondary	Annual	53 ppb	Annual Mean	
<u>Ozone</u> [73 FR 16436, Mar 27, 2008]	primary and secondary	8-hour	0.075 ppm	Annual fourth-highest daily maximum 8-hr concentration, averaged over 3 years	
<u>Particle Pollution</u> Dec 14, 2012	PM <sub>2.5</sub>	primary	Annual	12 µg/m <sup>3</sup>	annual mean, averaged over 3 years
		secondary	Annual	15 µg/m <sup>3</sup>	annual mean, averaged over 3 years
		primary and secondary	24-hour	35 µg/m <sup>3</sup>	98th percentile, averaged over 3 years
	PM <sub>10</sub>	primary and secondary	24-hour	150 µg/m <sup>3</sup>	Not to be exceeded more than once per year on average over 3 years
<u>Sulfur Dioxide</u> [75 FR 35520, Jun 22, 2010] [38 FR 25678, Sept 14, 1973]	primary	1-hour	75 ppb	99th percentile of 1-hour daily maximum concentrations, averaged over 3 years	
	secondary	3-hour	0.5 ppm	Not to be exceeded more than once per year	

(Source: [www.cabq.gov/gis/advanced-map-viewer](http://www.cabq.gov/gis/advanced-map-viewer))

Under the CAAA, areas designated as being in violation of the NAAQS (nonattainment areas) are required to provide State Implementation Plans (SIPs) to improve air quality. Of critical interest to transportation agencies is the determination of emission reduction targets for transportation conformity. In New Mexico, the agencies affected by these rules include the FHWA and state and local agencies responsible for transportation planning and air quality management.

The Albuquerque Metropolitan Area is the only region in New Mexico where CO standards were exceeded in the 1980s and early 1990s, and that was subject to transportation related air quality nonattainment status. Throughout the 1990s and recent decade, the Albuquerque Metropolitan Planning Organization (MPO) and the City of Albuquerque Air Quality Division developed and implemented regional transportation conformity plans with measures to control and reduce CO emissions.

Since the last violation of the Federal 8-hour CO standard in 1991, area CO levels have been steadily in decline. The current levels measure less than half the NAAQS standard. The region is currently subject to a federally-approved Limited Maintenance Plan (LMP) for CO. A LMP is a maintenance plan that meets EPA's criteria and achieves pollutant levels that are significantly below the NAAQS standard.

In its LMP, Albuquerque and Bernalillo County must demonstrate that the average of the values measured at each CO monitor has not exceeded 85% of the NAAQS for CO. The values corresponding to 85% of the NAAQS are 29.8 parts per million (ppm) for the 1-hour standard ( $.85 \times 35 \text{ ppm} = 29.8 \text{ ppm}$ ) and 7.7 ppm for the 8-hour standard ( $.85 \times 9.0 \text{ ppm} = 7.7 \text{ ppm}$ ). The values are based upon the second highest readings, for the most recent two years of data.

### **3.0 AIR QUALITY MONITORING DATA**

The City of Albuquerque operates several ambient air quality monitoring sites in Bernalillo County (see Figure 1), and the measurements at these sites are used to demonstrate that the region is in compliance with the NAAQS. The ambient concentration of CO has steadily decreased since the 1990s and has stabilized. The maximum 1-hour and 8-hour CO concentrations from 2008 through 2012 at the CO monitoring sites were obtained from the City of Albuquerque, and are included in Appendix A. Table 2 illustrates the 1-hour and 8-hour maximum CO concentrations measured at the monitoring stations in Albuquerque. The monitor at 201 Prosperity SE is just south of Rio Bravo Boulevard and closest to the San Jose Neighborhood. The table shows that CO concentrations are considerably lower than the 1-hour NAAQS of 35 ppm and the LMP value of 29.8 ppm and that the monitored levels are lower than the 8-hour NAAQS of 9 ppm and the LMP value of 7.7 ppm.

The data also show that generally there is a relatively small variation across the urban area in background CO levels. The Prosperity site is very close to the average 1-hour CO level of all the monitors and slightly above the average 8-hour level in comparison to the monitors across the county. Over the past five years, 1-hour CO levels were highest in 2009 (about 10 percent of the NAAQS) at the Prosperity site, and have since declined. The 8-hour levels were highest in 2010 (29 percent of the NAAQS) and have also since declined.

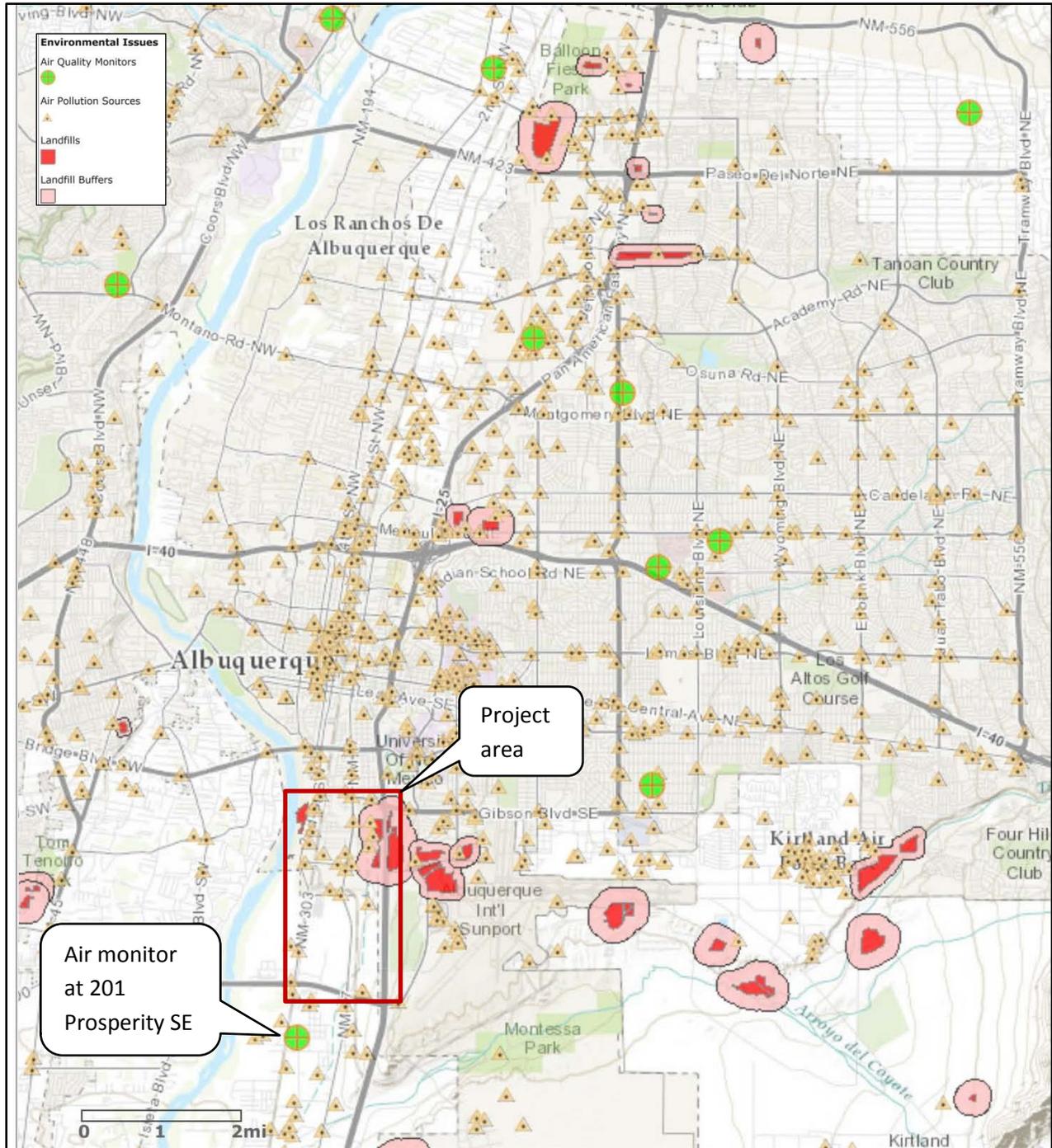


Figure 1: City Air Quality Monitoring Sites (Source: [www.cabq.gov/gis/advanced-map-viewer](http://www.cabq.gov/gis/advanced-map-viewer))

1-Hour	2421 Mesilla NE	4700a San Mateo NE	6000 Anderson SE	2200 San Pedro NE	201 Prosperity SE	9819a Second NW	10155 Coors NW
2012	na	2.3	na	3.6	2.3	1.6	na
2011	na	1.7	na	3.1	2.3	2.1	na
2010	2	1.9	na	2.9	3.4	2.4	na
2009	2.9	1.6	na	2.5	3.7	2.1	na
2008	4.6	2.2	2.8	3	3.1	2.1	4.9
Average	3.17	1.94	2.8	3.02	2.96	2.06	4.9
8-Hour	2421 Mesilla NE	4700a San Mateo NE	6000 Anderson SE	2200 San Pedro NE	201 Prosperity SE	9819a Second NW	10155 Coors NW
2012	na	2	na	2.2	1.2	1.3	na
2011	na	1.3	na	2.2	1.5	1.5	na
2010	1.4	1	na	2	2.6	1.7	na
2009	1.7	1.1	na	1.9	2.4	1.6	na
2008	2.6	1.2	1.5	2.3	2	1.4	1.3
Average	1.90	1.32	1.5	2.12	1.94	1.5	1.3

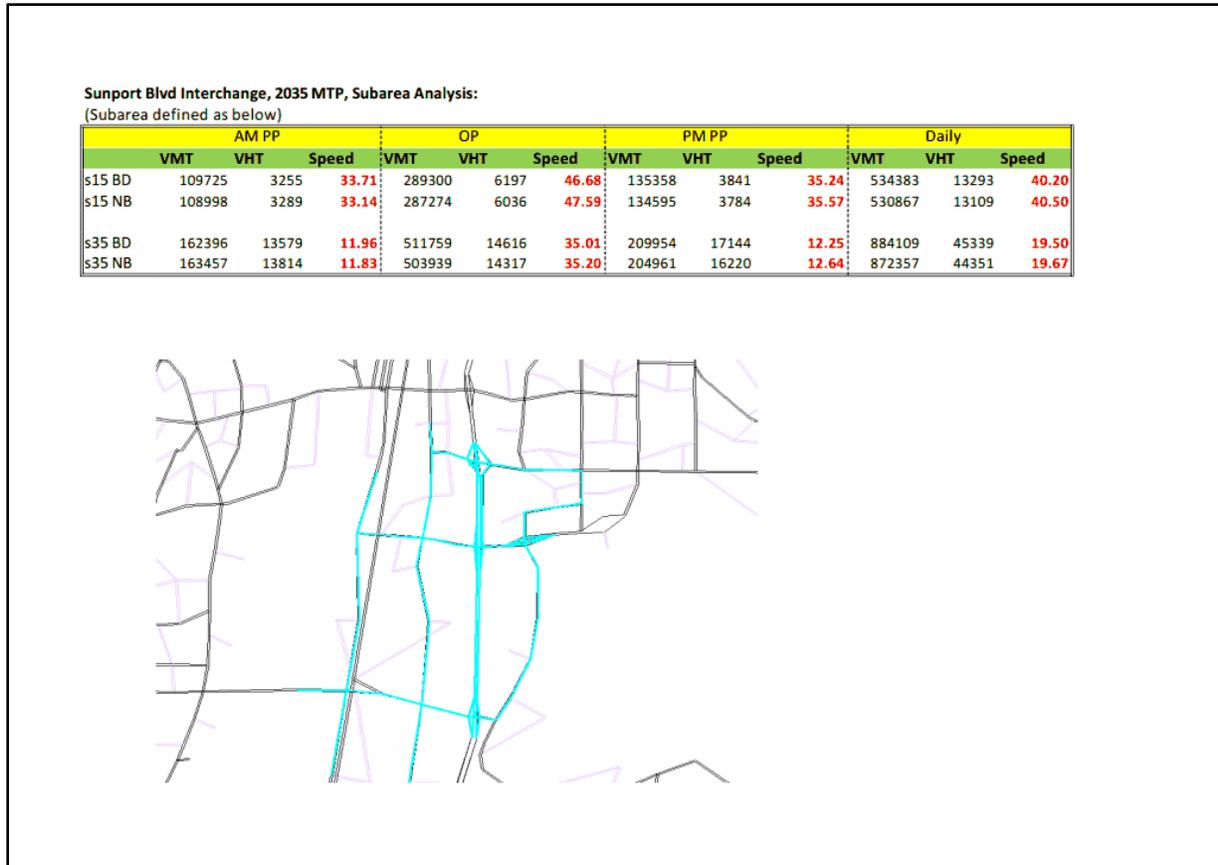
(Source: [www.cabq.gov/gis/advanced-map-viewer](http://www.cabq.gov/gis/advanced-map-viewer))

In the Sunport Extension AQIA, a 1-hour background CO level of 3.0 ppm was used, which is consistent with the monitoring data. The maximum modeled levels, including the CO generated by the proposed project, was 6.7 ppm for the 1-hour period and 5.0 ppm for the 8-hour period. These values are well below the CO 1-hour and 8-hour LMP values.

The CO generated by the project (which is added to the background levels) is based on EPA approved models that produce CO emission rates for the fleet of vehicles. The emission rates calculated by the models trend downward in future years as a result of federally mandated improvements in emissions technology for vehicle manufacturers. Such improvements are the major reason why CO levels have actually declined in the region over the past 20 years

#### 4.0 REGIONAL TRAVEL DATA

The Mid Region Council of Governments (MRCOG) developed traffic forecasts for the Sunport Extension project for the years 2015 and 2035. The forecasts provide information about the effects of the Sunport project on traffic volumes on individual links in the street system and on the operation of the network as a whole or a defined subarea of the network. Figure 1 indicates the effects of the project on the highlighted subarea of the street network. Values are given for total vehicle miles of travel (VMT), vehicle hours of travel (VHT), and average speed for the AM peak period (AM PP), off peak period (OP), PM peak period (PM PP), and daily period. The subarea analysis includes the build and no build condition for 2015 and 2035. The data show that in the 2015 AM peak, total VMT will be slightly higher with the proposed project but VHT decreases and average speed increases on the network. In the 2035 AM forecast, VMT and VHT decrease in the build scenario and average speed increases, indicating that the system is operating more efficiently during the AM peak. In the off peak, PM peak, and daily periods, however, VMT and VHT increase and average speed decreases with the project. Overall, the higher VMT (3,516 vehicles per day [vpd] in 2015 and 11,752 vpd in 2035) suggests slight increases in emissions in the subarea. The change in speed is negligible in terms of emissions.



**Figure 2: Subarea Traffic Statistics** (Source: Mid Region Council of Governments)

The MRCOG forecasts also show that traffic patterns will change as a result of the project. Volumes will increase on Woodward, west of Broadway (+6,515 vehicles); on Second, south of Woodward (+4,895 vehicles); and on the new Sunport Extension (+14,480 vehicles). Conversely, traffic will decrease on Broadway between Woodward and Gibson (-5,368 vehicles); on Gibson between Broadway and I-25 (-2,019 vehicles); and on Second north of Woodward (-689 vehicles). More traffic will utilize south Second and Broadway to get to I-25 by way of Woodward and the new Sunport Extension. This traffic will be diverted away from the more congested and populated areas along Broadway and Second, between Woodward and Gibson (San Jose Neighborhood), and from Gibson and the Gibson/I-25 interchange.

The preceding analysis supports the conclusion that transportation related CO emissions are not a significant factor affecting community health, safety, and quality of life. The hot spot analysis shows that CO levels will be well below the NAAQS, even adjacent to the intersections with the most future traffic. Monitoring data show that CO levels are generally declining in the region due to improved emissions technology in the fleet of vehicles. Although total VMT will increase in the subarea, much of this travel will be shifted to the south of the San Jose Neighborhood to take advantage of the improved access to I-25 from the Sunport Extension.

## 5.0 OTHER SOURCES OF EMISSIONS

Comments from community members indicate a concern that the Sunport Extension will improve access to the area and thus attract polluting industries, and this may be a valid concern. Within the subarea defined by I-25, Rio Bravo, Second, and Gibson, there are approximately 25 industries with air quality permits on record with the City of Albuquerque Environmental Health Department (City EHD) (See Figure 3 and Table 3). This appears to be a relatively high density of permits but not necessarily unprecedented in the urban area. In addition, several landfill sites have been abandoned in this area. The Albuquerque International Airport and Kirtland Air force Base (KAFB) are also located in close proximity to the project area, and previous studies have shown that air traffic is a significant and relatively unregulated source of air emissions.

Most of the industrial air permits are not related to CO, but rather to ozone precursors such as volatile organic compounds (VOCs) and oxides of nitrogen (NOx) or particulates (PM10 and PM2.5). Several of these pollutants (ozone, NOx, and particulates) can be directly related to respiratory outbreaks in sensitive populations, for example asthma sufferers ([www.epa.gov/air/ozone/particulates](http://www.epa.gov/air/ozone/particulates)). The entire metropolitan area experiences high levels of ozone during the summer and non-attainment is a serious consideration. According to the City EHD, Ambient Air Monitoring Section, with adjustments over a three year period, it is mathematically probable that the fourth highest reading in 2013 will establish the basis for ozone non-attainment (2013 Annual Network Review of Ambient Air Monitoring). High particulate level events have also occurred around the urban area, often related to factors such as high winds, regional forest fires, and local wood burning.

Although transportation facilities contribute to these events (ozone and particulates), other factors are more critical and transportation control measures have not been established. The impact of stationary source emissions and facilities such as the Albuquerque International Airport and KAFB on community health, safety, and quality of life are beyond the scope of this report. It will be important for local government and the community to evaluate land use decisions and monitor the effects on air quality.

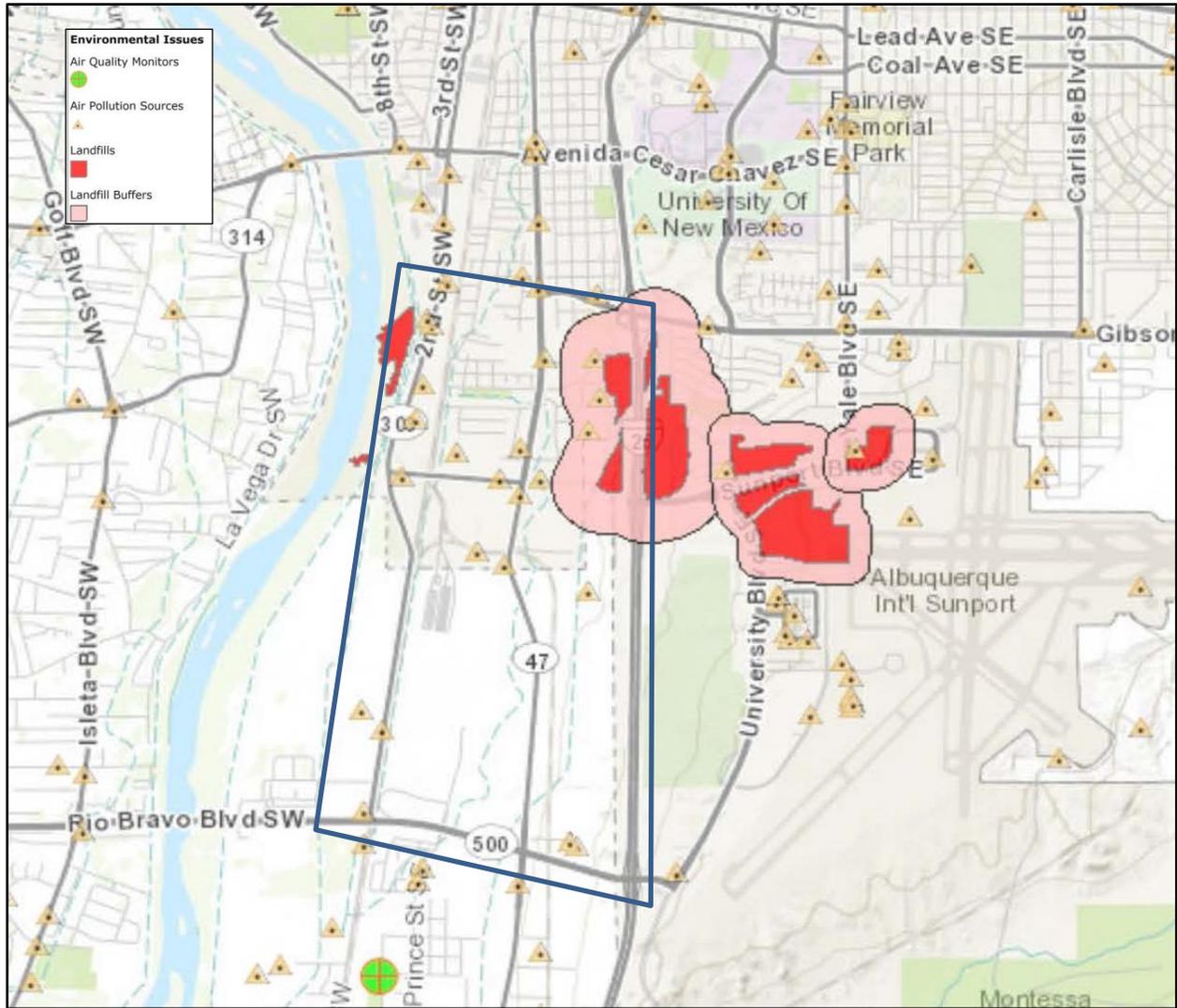


Figure 3: Industrial Air Permits in the Project Area (Source: [www.cabq.gov/gis/advanced-map-viewer](http://www.cabq.gov/gis/advanced-map-viewer))

Table 3: Stationary Source Air Permits in the Project Area												
Source	Category	Permit #	Address	CO	NOX	SOX	TSP	VOC	HAPS	PM10	PM25	PB
7-Eleven	Gas Service	0703m1	2120 Broadway SE	0	0	0	0	8	0	0	0	0
Atlas Oil	Chemical Distributor	2069	2250 2nd SW	0	0	0	0	9	0	0	0	0
Brigidos Body Shop	Paint and Body	2079	2345 2nd SW	0	0	0	0	0	0	0	0	0
Enchanted Marble&Glas	Manufacturing	753	2418 2nd SW	0	0	0	0	2	2	0	null	0
ABQ Rail Road	Emergency Generators	1865	515 Wheeler SE	0	1	0	0	0	0	0	0.47	0
Casa	Emergency Generators	2164	2540 Karsten SE	0	2	0	0	0	0	0	0.02	0
Quikrete NM	Concrete Production	0501-m3-rv1	2700 2nd SW	21	6	0	14	0	0	6	5.9	0
Karsten Company	Wood Manufacturing	773	2700 Karsten SE	0	0	0	0	21	0	0	null	0
Coreslab Structures	Concrete Production	0359-m2-rv1	2800 2nd SW	2	3	0	2	0	0	1	0	0
Franklins Earthmoving	Aggregate Processing	1550	2811 Karsten SE	2	8	1	14	1	0	5	null	0
Reynolds Auto	Paint and Body	2061	120 Woodward SW	0	0	0	0	0	0	0	0	0
CEI Enterprises	Manufacturing	1931	245 Woodward SE	2	2	1	0	19	13	0	0.15	0
GE Aircraft Engines	SVES	489	336 Woodward SE	0	0	0	0	0	0	0	null	0
A&E Auto Sales	Paint and Body	2161	2945 Broadway	0	0	0	0	0	0	0	0	0
Duke City Distribution	Gas Service	1207	3203 Broadway SE	0	0	0	0	1	0	0	0	0
Vecenergy Alb Terminal	Petroleum Bulk Terminal	0047-m1-rv2	3200 Broadway SE	0	0	0	0	36	1	0	null	0
General Electric Co	Manufacturing	1658-m-1rv1	336 Woodward SE	8	12	0	20	25	7	20	23.1	0
Alb Products Terminal	Petroleum Bulk Terminal	0456m4rv2	3209 Broadway SE	0	0	0	0	51	12	0	0	0
Van Waters and Rogers	Chemical Distributor	1190	3301 Edmunds SE	0	0	0	0	6	24	0	null	0
Alb Metal Recycling	Recycling	1529m2	3339 2nd SW	0	0	0	10	0	0	4	2.7	0
DPC Industries	Chemical Storage/Blending	0803m1	3501 2nd SW	0	0	0	0	5	1	0	null	0
Industries Arizona	Gas Service	0598m1	201 Rio Bravo SW	0	0	0	0	16	0	0	null	0
PNM	Emergency Generators	0542m1	701 Electrical SE	0	1	0	0	0	0	0	null	0
Power Generating	Electrical Generation	2093	725 Electrical SE	707	530	73	57	34	0	57	54	0
Power Generating	Electrical Generation	0694m1rv1	725 Electrical SE	707	530	73	57	34	0	57	54	0

Source: [cab.gov/gis/advanced-map-viewer](http://cab.gov/gis/advanced-map-viewer)

## **6.0 REFERENCES**

Cienega Environmental and URS Corporation. Air Quality Impact Analysis for the Sunport Boulevard Extension, prepared for Bernalillo County. 2011.

City of Albuquerque, Environmental Health Department, Air Quality Division, Ambient Air Monitoring Section, 2013 Annual Network Review of Ambient Air Monitoring. 2013.

City of Albuquerque, Environmental Health Department, Air Quality Division, Permitting & Technical Analysis Section. Air Dispersion Modeling Guidelines for Air Quality Permitting. 2010.

[www.cabq.gov/gis/advanced-map-viewer](http://www.cabq.gov/gis/advanced-map-viewer)

[www.epa.gov/air/ozone/particulates](http://www.epa.gov/air/ozone/particulates)

**APPENDIX A:  
City of Albuquerque CO Monitoring Data:  
2008-2012**

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2012

**Exceptional Events:** Included (if any)

### Duration Description=1 HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
1 HOUR	8462	2.4	2.3	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	7905	3.6	3.2	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	4230	2.7	2.3	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
1 HOUR	2134	1.8	1.6	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06

Get detailed information about this report, including column descriptions, at [http://www.epa.gov/airquality/airdata/ad\\_about\\_reports.html#mon](http://www.epa.gov/airquality/airdata/ad_about_reports.html#mon)

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated daily by state, local, and tribal organizations who own and submit the data. Please contact the appropriate air quality monitoring agency to report any data problems.

<[http://www.epa.gov/airquality/airdata/ad\\_contacts.html](http://www.epa.gov/airquality/airdata/ad_contacts.html)>

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<http://www.epa.gov/airdata>>

Generated: September 1, 2013

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2012

**Exceptional Events:** Included (if any)

### Duration Description=8-HR RUN AVG END HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8-HR RUN AVG END HOUR	8371	2	1.6	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	7854	2.7	2.2	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	4174	1.5	1.2	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
8-HR RUN AVG END HOUR	2096	1.3	1.3	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06

Get detailed information about this report, including column descriptions, at [http://www.epa.gov/airquality/airdata/ad\\_about\\_reports.html#mon](http://www.epa.gov/airquality/airdata/ad_about_reports.html#mon)

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Source: U.S. EPA AirData <<http://www.epa.gov/airdata>>

Generated: September 1, 2013

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2011

**Exceptional Events:** Included (if any)

### Duration Description=1 HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
1 HOUR	8557	2	1.7	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	8582	3.1	3.1	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	3996	2.3	2.3	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
1 HOUR	4285	2.1	2.1	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06

Get detailed information about this report, including column descriptions, at [http://www.epa.gov/airquality/airdata/ad\\_about\\_reports.html#mon](http://www.epa.gov/airquality/airdata/ad_about_reports.html#mon)

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Source: U.S. EPA AirData <<http://www.epa.gov/airdata>>

Generated: August 28, 2013

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2011

**Exceptional Events:** Included (if any)

### Duration Description=8-HR RUN AVG END HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8-HR RUN AVG END HOUR	8488	1.3	1.3	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	8490	2.2	2.2	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	3863	1.7	1.5	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
8-HR RUN AVG END HOUR	4228	1.6	1.5	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06

Get detailed information about this report, including column descriptions, at [http://www.epa.gov/airquality/airdata/ad\\_about\\_reports.html#mon](http://www.epa.gov/airquality/airdata/ad_about_reports.html#mon)

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Source: U.S. EPA AirData <<http://www.epa.gov/airdata>>

Generated: August 28, 2013

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2010

**Exceptional Events:** Included (if any)

### Duration Description=1 HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
1 HOUR	2121	2.1	2	0	None	1	350010019	2421 Mesilla Ave. N. E.	Albuquerque	Bernalillo	NM	06
1 HOUR	7992	2	1.9	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	8494	2.9	2.9	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	4036	3.5	3.4	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
1 HOUR	4258	2.8	2.4	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06

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Source: U.S. EPA AirData <<http://www.epa.gov/airdata>>

Generated: August 28, 2013

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2010

**Exceptional Events:** Included (if any)

### Duration Description=8-HR RUN AVG END HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8-HR RUN AVG END HOUR	2112	1.5	1.4	0	None	1	350010019	2421 Mesilla Ave. N. E.	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	7900	1.2	1	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	8430	2	2	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	3915	3.1	2.6	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
8-HR RUN AVG END HOUR	4216	1.9	1.7	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06

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Generated: August 28, 2013

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2009

**Exceptional Events:** Included (if any)

### Duration Description=1 HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
1 HOUR	4104	2.7	2.6	0	None	1	350010019	2421 Mesilla Ave. N. E.	Albuquerque	Bernalillo	NM	06
1 HOUR	8520	1.9	1.6	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	8566	2.6	2.5	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	4277	3.7	3.6	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
1 HOUR	4261	2.1	2.1	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06

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Generated: August 28, 2013

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2009

**Exceptional Events:** Included (if any)

### Duration Description=8-HR RUN AVG END HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8-HR RUN AVG END HOUR	4046	2.1	1.7	0	None	1	350010019	2421 Mesilla Ave. N. E.	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	8404	1.1	1.1	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	8464	2.2	1.9	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	4219	2.5	2.4	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
8-HR RUN AVG END HOUR	4210	1.7	1.6	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06

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Source: U.S. EPA AirData <<http://www.epa.gov/airdata>>

Generated: August 28, 2013

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2008

**Exceptional Events:** Included (if any)

### Duration Description=1 HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
1 HOUR	5068	4.7	4.6	0	None	1	350010019	2421 Mesilla Ave. N. E.	Albuquerque	Bernalillo	NM	06
1 HOUR	8298	2.6	2.2	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	3065	3.6	2.8	0	None	1	350010024	6000 Anderson Avenue Se	Albuquerque	Bernalillo	NM	06
1 HOUR	7974	6.5	3	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
1 HOUR	4887	3.2	3.1	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
1 HOUR	2147	2.2	2.1	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06
1 HOUR	3057	4.9	3.7	0	None	1	350011014	10155 Coors Road Nw	Albuquerque	Bernalillo	NM	06

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Generated: August 28, 2013

## Monitor Values Report

**Geographic Area:** Bernalillo County, NM

**Pollutant:** CO

**Year:** 2008

**Exceptional Events:** Included (if any)

### Duration Description=8-HR RUN AVG END HOUR

Duration Description	Obs	First Max	Second Max	Actual Exc	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8-HR RUN AVG END HOUR	5002	4.1	2.6	0	None	1	350010019	2421 Mesilla Ave. N. E.	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	8111	1.7	1.2	0	None	1	350010023	4700a San Mateo Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	3006	1.8	1.5	0	None	1	350010024	6000 Anderson Avenue Se	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	7750	2.4	2.3	0	None	1	350010028	2200 San Pedro Ne	Albuquerque	Bernalillo	NM	06
8-HR RUN AVG END HOUR	4714	2.3	2	0	None	1	350010029	201 Prosperity Se	South Valley	Bernalillo	NM	06
8-HR RUN AVG END HOUR	2127	1.4	1.4	0	None	1	350011013	9819a Second Street Nw	North Valley	Bernalillo	NM	06
8-HR RUN AVG END HOUR	2991	1.6	1.3	0	None	1	350011014	10155 Coors Road Nw	Albuquerque	Bernalillo	NM	06

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