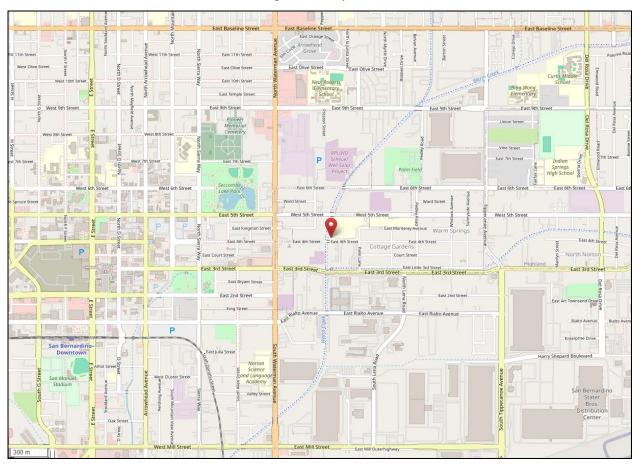
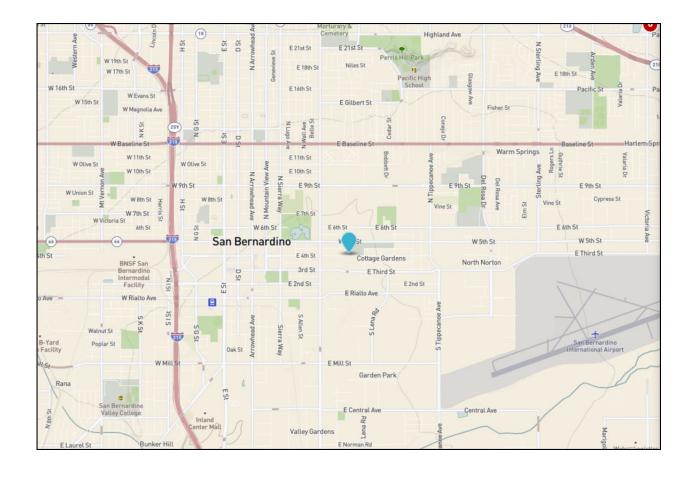
## South Coast AQMD Site Survey Report for San Bernardino

Last updated: May 7, 2024



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060719004	36203	05/1986	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
24302 E. 4th Street San Bernardino, CA 92410	San Bernardino	South Coast	34.106678	-117.274063	316m



## **Detailed Site Information**

Local site name		San Berr	San Bernardino				
AQS ID		060719004					
GPS coordinates (decimal degrees)		Latitude: 34.106678, Longitude: -117.274063					
Street Address	<u> </u>	24302 E. 4th Street, San Bernardino, CA 92410					
County		San Berr		•			
Distance to roadways	(meters)	18					
Traffic count (AADT,		1211/20	)22				
Groundcover	•	Concrete	;				
(e.g. asphalt, dirt, sand	1)						
Representative statistic		40140-Riverside-San Bernardino-Ontario, CA MSA					
(i.e. MSA, CBSA, othe	er)						
Pollutant, POC	Carbon Mo	noxide, 1	Nitrogen Dioxide, 1	Ozone, 1	Continuous PM10, 3		
Primary / QA	N/A		N/A	N/A	Primary		
Collocated / Other							
Parameter code	42101		42602	44201	81102		
Basic monitoring	NAAQS		NAAQS	NAAQS	NAAQS		
objective(s)							
Site type(s)	Population	Exposure	Population Exposure	Highest	Population Exposure		
				Concentration			
Monitor (type)	SLAMS		SLAMS	SLAMS	SLAMS		
Network affiliation	N/A		Vulnerable and	N/A	N/A		
			susceptible population				
T	Teledyne T300U		(aka RA40)	T 1 1 T400	T1 5014:		
Instrument	Teledyne 1.	300U	Teledyne T200	Teledyne T400	Thermo 5014i		
manufacturer and model							
Method code	093		099	087	150		
FRM/FEM/ARM/	FRM		FRM	FEM	FEM		
other	TIXIVI		TIXIVI	T LIVI	TENT		
Collecting Agency	South Coast AQMD		South Coast AQMD	South Coast AQMD	South Coast AQMD		
Analytical Lab (i.e.,	N/A		N/A	N/A	N/A		
weigh lab, toxics lab,			10/11	1771	1771		
other)							
Reporting Agency	South Coas	t AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD		
Spatial scale (e.g.	Neighborho		Neighborhood	Neighborhood	Neighborhood		
micro, neighborhood)							
Monitoring start date	05/1986		05/1986	05/1986	09/01/2004		
(MM/DD/YYYY)							
Current sampling	Continuous		Continuous	Continuous	Continuous		
frequency (e.g.1:3,							
continuous)							
Calculated sampling	N/A		N/A	N/A	N/A		
frequency							
(e.g. 1:3/1:1)	0.1.10		0.1.10.1.10.15		0.1.10.1.10.15		
Sampling season	01/01-12/31		01/01-12/31	01/01-12/31	01/01-12/31		
(MM/DD-MM/DD)	1		4.5	4.5	4.1		
Probe height (meters)			4.5	4.5	4.1		
Distance from supporting structure	N/A		N/A	N/A	N/A		
(meters)							
Distance from	NT/A		N/A	N/A	N/A		
Distance from	N/A		1N/ A	1N/ A	1W/A		

obstructions on roof		1	1	1
(meters)				
Distance from	N/A	N/A	N/A	N/A
obstructions not on	14/71	1 1/ / 1	11/11	11/11
roof (meters)				
Distance from trees	10.8, height 12.5m	10.8, height 12.5m	10.8, height 12.5m	10.6, height 12.5m
(meters)	10.0, neight 12.311	10.0, neight 12.5m	10.0, neight 12.311	10.0, neight 12.5111
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue	1071	1 1/11	1 1/1 1	1 1/1 1
(meters)				
Distance between	N/A	N/A	N/A	2.6
collocated monitors	1 11 1	1,11	1,11	
(meters)				
Unrestricted airflow	360°	360°	360°	360°
(degrees)				
Probe material for	Teflon	Teflon	Teflon	N/A
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	6.1	7.7	6.8	N/A
reactive gases				
(seconds)				
Will there be changes	No	No	No	No
within the next 18				
months? (Y/N)				
Is it suitable for	N/A	N/A	N/A	N/A
comparison against				
the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for				
manual PM samplers	3.77	77/	77/	
Frequency of flow	N/A	N/A	N/A	Monthly
rate verification for				
automated PM				
analyzers	27.4.4	NT 1 1	NT 1 1	27/4
Frequency of one-	Nightly	Nightly	Nightly	N/A
point QC check for				
gaseous instruments	03/10/2023	02/10/2022	02/10/2022	N/A
Last Annual Performance	03/10/2023	03/10/2023	03/10/2023	1W/A
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	N/A	N/A	N/A	04/20/2023
flow rate audits for	1 V/ F1	1 V A	1 V A	09/22/2023
PM monitors				0712212023
(MM/DD/YYYY,				
MM/DD/YYYY)				
111111111111111111111111111111111111111	L	L	L	

Pollutant, POC	Lead, 2	24 Hour PM2.5, 1	
Primary / QA	Primary	Primary	
Collocated / Other			
Parameter code	14129	88101	
Basic monitoring	NAAQS	NAAQS	
objective(s)			
Site type(s)	Population Exposure	Population Exposure	
Monitor (type)	SLAMS	SLAMS	
Network affiliation	N/A	N/A	
Instrument	TISCH TSP Hi-Vol	Thermo 2025 i Partisol	
manufacturer and			
model			
Method code	110	145	
FRM/FEM/ARM/	FRM	FRM	
other			
Collecting Agency	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e.,	South Coast AQMD	South Coast AQMD	
weigh lab, toxics lab,			
other)			
Reporting Agency	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g.	Neighborhood	Neighborhood	
micro, neighborhood)		C	
Monitoring start date	09/1990	08/27/2008	
(MM/DD/YYYY)			
Current sampling	1:6	1:3	
frequency (e.g.1:3,			
continuous)			
Calculated sampling	1:6	1:3	
frequency			
(e.g. 1:3/1:1)			
Sampling season	01/01-12/31	01/01-12/31	
(MM/DD-MM/DD)			
Probe height (meters)	2.2	3.1	
Distance from	N/A	N/A	
supporting structure			
(meters)			
Distance from	N/A	N/A	
obstructions on roof			
(meters)	<b>NT/A</b>	NT/ A	
Distance from	N/A	N/A	
obstructions not on			
roof (meters)	16 4 1 1 10.5	17 4 1. 1 10 5	
Distance from trees	16, tree height 12.5m	17, tree height 12.5m	
(meters) Distance to furnace or	N/A	N/A	
incinerator flue	1 <b>V</b> / <b>A</b>	1 <b>V</b> / <b>A</b>	
(meters) Distance between	N/A	N/A	
collocated monitors	1 V/ A	1 <b>V</b> / <b>A</b>	
(meters)			
Unrestricted airflow	360°	360°	
(degrees)	300	300	
(dogrees)			
	l .		

Probe material for reactive gases (e.g. Pyrex, stainless	N/A	N/A	
steel, Teflon)			
Residence time for reactive gases (seconds)	N/A	N/A	
Will there be changes within the next 18 months? (Y/N)	No	No	
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	Yes	
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	
Frequency of one- point QC check for gaseous instruments	N/A	N/A	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	05/17/2023 12/13/2023	04/20/2023 10/17/2023	

Pollutant, POC	WS & D, 1/1	RH/T, 1/1	
Primary / QA	N/A	N/A	
Collocated / Other			
Parameter code	61101/61102	62201/62101	
Basic monitoring	Research	Research	
objective(s)			
Site type(s)	Meteorological	Meteorological	
Monitor (type)	SLAMS	SLAMS	
Network affiliation	N/A	N/A	
Instrument	RM Young 05305V	Rotronic HC2-S3	
manufacturer and			
model			
Method code	065/065	063/063	
FRM/FEM/ARM/	N/A	N/A	
other			
Collecting Agency	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e.,	N/A	N/A	
weigh lab, toxics lab,			
other)			
Reporting Agency	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g.	Urban/Middle/	Urban/Middle/	
micro, neighborhood)	Neighborhood	Neighborhood	
Monitoring start date (MM/DD/YYYY)	05/1986	05/1986	
Current sampling frequency (e.g.1:3, continuous)	Continuous	Continuous	
Calculated sampling	N/A	N/A	
frequency			
(e.g. 1:3/1:1)	04/04/42/24	04/04 45/54	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	
Probe height (meters)	10	9	
Distance from	10	9	
supporting structure			
(meters)			
Distance from	N/A	N/A	
obstructions on roof			
(meters)			
Distance from	N/A	N/A	
obstructions not on			
roof (meters)	10	12	
Distance from trees	12	12	
(meters)	N/A	NT/A	
Distance to furnace or incinerator flue	1 <b>V</b> / <b>A</b>	N/A	
(meters)			
Distance between	N/A	N/A	
collocated monitors	1 V/ /\(\frac{1}{2}\)	11/17	
(meters)			
Unrestricted airflow	360°	360°	
(degrees)			
Probe material for	N/A	N/A	
reactive gases			

(e.g. Pyrex, stainless			
steel, Teflon)			
Residence time for	N/A	N/A	
reactive gases			
(seconds)			
Will there be changes	No	No	
within the next 18			
months? (Y/N)			
Is it suitable for	N/A	N/A	
comparison against			
the annual PM2.5?			
(Y/N)			
Frequency of flow	N/A	N/A	
rate verification for			
manual PM samplers			
Frequency of flow	N/A	N/A	
rate verification for			
automated PM			
analyzers	> T/ A	27/1	
Frequency of one-	N/A	N/A	
point QC check for			
gaseous instruments	27/		
Last Annual	N/A	N/A	
Performance			
Evaluation for			
gaseous parameters			
(MM/DD/YYYY)	27/	27/1	
Last two semi-annual	N/A	N/A	
flow rate audits for			
PM monitors			
(MM/DD/YYYY,			
MM/DD/YYYY)			

## San Bernardino Site Photos



Looking North from the probe.

Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

## San Bernardino Site Photos (Cont.)



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.