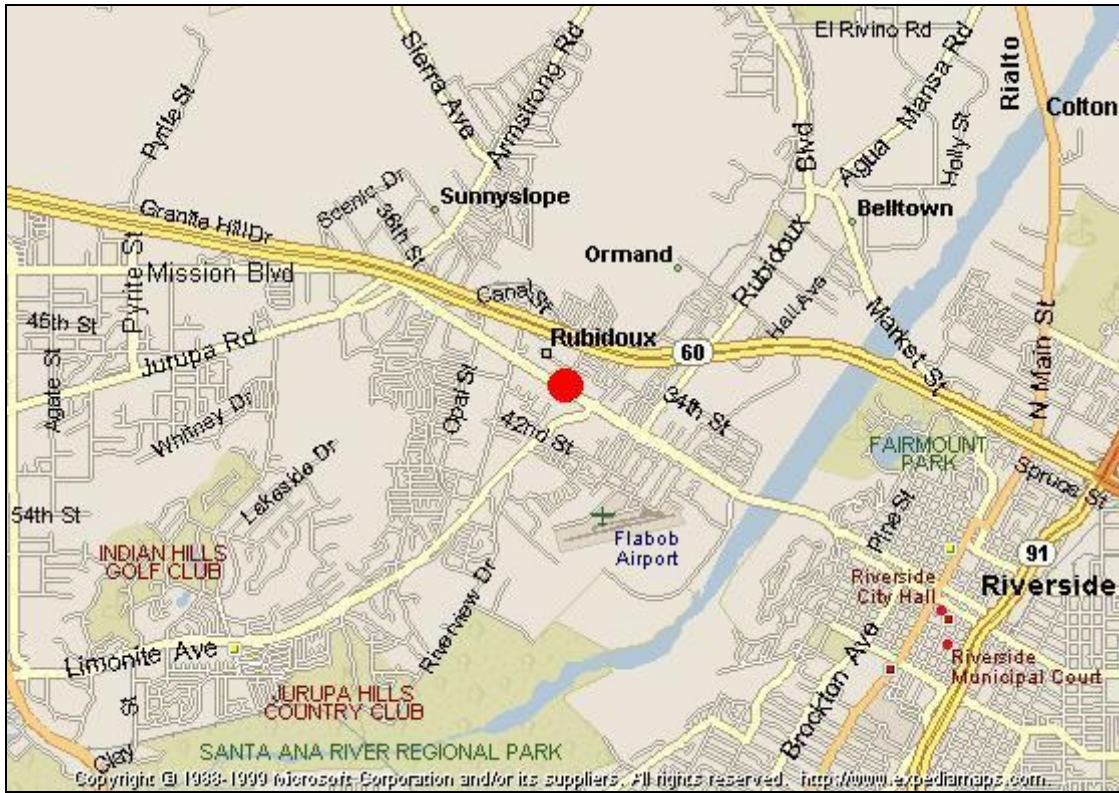


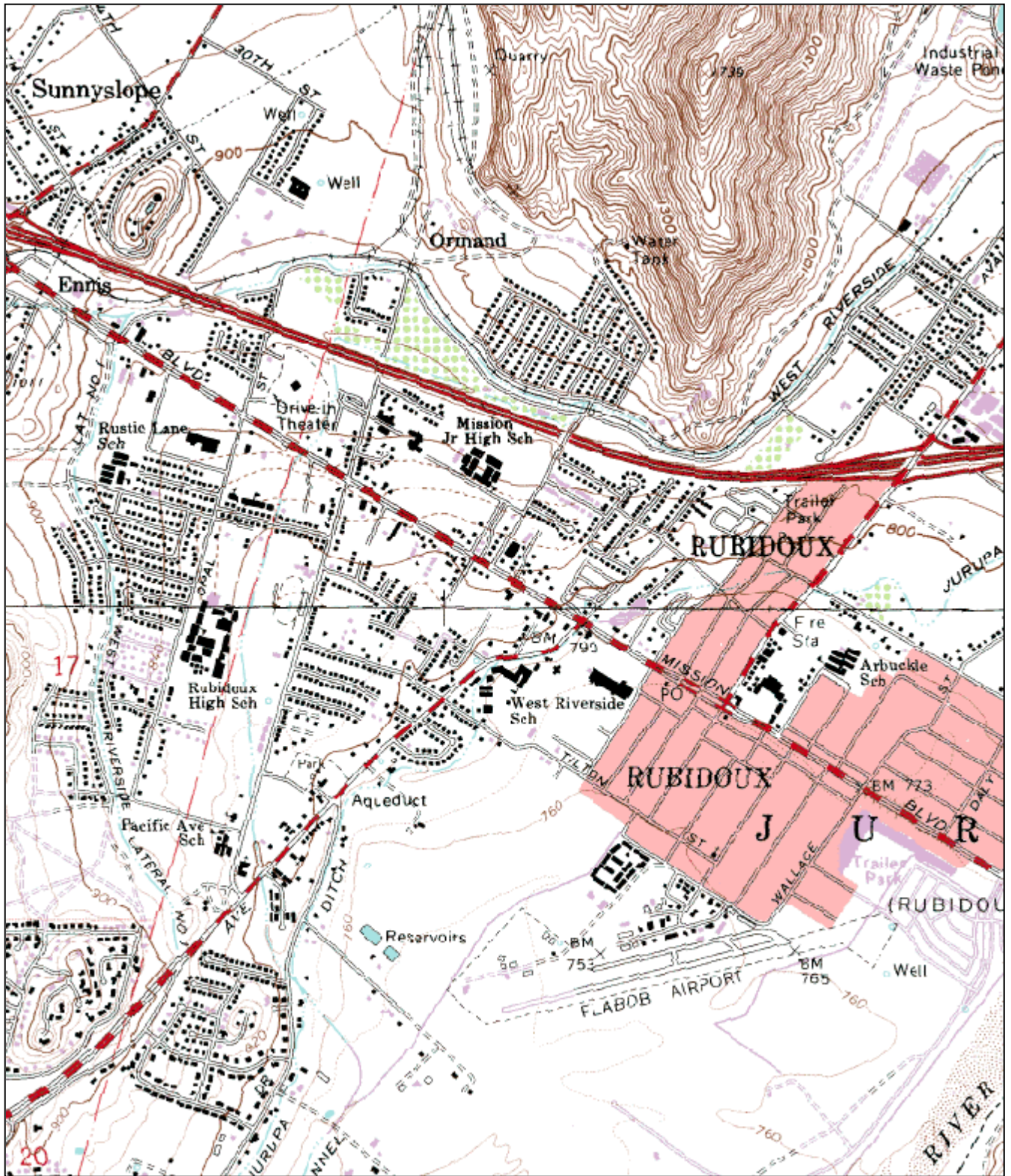
South Coast AQMD Site Survey Report for Rubidoux

Last updated: May 10, 2021



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060658001	33144	09/1972	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
5888 Mission Blvd. Riverside, CA 92509	Riverside	South Coast	33° 59' 58"N	117° 24' 57"W	248



Detailed Site Information

Local site name		Rubidoux		
AQS ID		060658001		
GPS coordinates (decimal degrees)		Latitude: 33° 59' 58" Longitude: 117° 24' 57"		
Street Address		5888 Mission Blvd., Riverside, CA 92509		
County		Riverside		
Distance to roadways (meters)		119; 686		
Traffic count (AADT, year)		20,000 / 2012; 60/Valley Way, 145,000, 2011		
Groundcover (e.g. asphalt, dirt, sand)		Gravel		
Representative statistical area name (i.e. MSA, CBSA, other)		40140-Riverside-San Bernardino-Ontario, CA MSA		
Pollutant, POC	Carbon Monoxide, 1	Nitrogen Dioxide, 2	Ozone, 1	Nitrogen Dioxide, 3
Primary / QA Collocated / Other	N/A	N/A	N/A	N/A
Parameter code	42101	42602	44201	42602
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Population Exposure	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	PAMS/NATTS/NCORE	PAMS/NATTS/NCORE	PAMS/NATTS/NCORE	PAMS/NCORE
Instrument manufacturer and model	Horiba APMA 370	Thermo 42i	Thermo 49i	Teledyne T500U
Method code	158	074	047	212
FRM/FEM/ARM/ other	FRM	FRM	FEM	FEM
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A	N/A	N/A
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Urban	Urban	Neighborhood
Monitoring start date (MM/DD/YYYY)	09/1972	09/1972	09/1972	06/01/2019
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	Continuous
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	N/A
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4.0	4.0	4.0	4.0
Distance from supporting structure (meters)	1.52 Roof itself is supporting structure.	1.52 Roof itself is supporting structure.	1.52 Roof itself is supporting structure.	1.52 Roof itself is supporting structure.
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A

Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	N/A	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	Teflon	Teflon
Residence time for reactive gases (seconds)	6.9	13.1	8.4	8.1
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Nightly	Nightly	Nightly	Nightly
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	03/23/2020	03/23/2020	03/23/2020	03/24/2020
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	N/A

Pollutant, POC	Continuous PM2.5, PM Coarse, 9	Continuous PM10, PM Coarse, 9	Continuous PM10, PM10 FEM, 9	Carbonyls, 4
Primary / QA Collocated / Other	Other	Other	Other	N/A
Parameter code	88101	85101	81102	PAMS priority compounds
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	Research support
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	N/A	N/A	N/A	NATTS
Instrument manufacturer and model	Met One BAM 1020	Met One BAM 1020	Met One BAM 1020	Atec 8000
Method code	170	122	122	179
FRM/FEM/ARM/ other	FEM	FEM	FEM	Other
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A	N/A	South Coast AQMD
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	12/2008	07/30/2011	0	04/03/2018
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	No CFR mandated sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4	4	4	4
Distance from supporting structure (meters)	2	2	2	1 *Roof itself is supporting structure.
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	10
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	1(Flow <200 lpm)	4	4	4

Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	Stainless steel
Residence time for reactive gases (seconds)	N/A	N/A	N/A	8.3
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	No, unless the manual sampler has missing data.	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	Monthly	Monthly	Monthly	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	Semi Annually
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	05/13/2020 10/14/2020	05/13/2020 10/14/2020	New 2021	09/28/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.

Pollutant, POC	24 Hour VOCs, 4	24 Hour VOCs, N/A	Carbonyls, 13	Hourly VOCs, 11
Primary / QA Collocated / Other	N/A	QA Collocated	N/A	N/A
Parameter code	PAMS priority compounds	PAMS priority compounds	PAMS priority compounds	PAMS Priority
Basic monitoring objective(s)	NAAQS/Research Support	Research support	Research support	NAAQS
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	NATTS	NATTS	PAMS	PAMS
Instrument manufacturer and model	RM Env. 910	RM Env. 910	Atec 8000	Agilent Markes
Method code	110	110	179	227
FRM/FEM/ARM/ other	Other	Other	Other	Other
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	09/2007	07/2009	04/03/2018	06/01/2019
Current sampling frequency (e.g. 1:3, continuous)	1:6	1:Every other month	Intensive PAMS 3 Day x 3 x 8 hour	1:1 Intensive PAMS
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	No CFR mandated sampling schedule.	No CFR mandated sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	05/01-09/30	05/01-09/30
Probe height (meters)	4	4	4	3.0
Distance from supporting structure (meters)	1 *Roof itself is supporting structure.	1 *Roof itself is supporting structure.	1 *Roof itself is supporting structure.	2.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	1 (Flow <200 lpm)	N/A	N/A	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Stainless steel	Stainless steel	Stainless steel	Pyrex, Stainless steel
Residence time for reactive gases (seconds)	8.4	8.3	8.3	10
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification PM samplers	N/A	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Semi Annually	Semi Annually	Semi Annually	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	09/28/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.	09/28/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.	09/28/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.	N/A

Pollutant, POC	VOCs, 5	24 Hour PM2.5, 2	24 Hour PM2.5, 1	Speciated PM2.5, 11
Primary / QA Collocated / Other	N/A	QA Collocated	Primary	Primary
Parameter code	N/A	88101	88101	88502
Basic monitoring objective(s)	Research support	NAAQS	NAAQS	NAAQS
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network Affiliation	N/A	N/A	N/A	N/A
Instrument manufacturer and model	Xontech 910	Thermo 2025i PM2.5, B Sampler QA Collocated	Thermo 2025i PM2.5, A Sampler	Met One SASS
Method code	N/A	145	145	810
FRM/FEM/ARM/ other	Other	FRM	FRM	Other
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	ARB Toxics	South Coast AQMD	South Coast AQMD	South Coast AQMD
Reporting Agency	ARB	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	01/1989	01/03/1999	12/04/1998	10/13/2004
Current sampling frequency (e.g.1:3, continuous)	1:12	1:6	1:1	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:6	1:3	No CFR mandated sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4	4.0	4.0	3
Distance from supporting structure (meters)	1.0 *Roof itself is supporting structure.	2.0	2.0	2.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	10	10	10
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)	2
Unrestricted airflow (degrees)	360°	360°	360°	360°

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Stainless steel	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	Yes	Yes	N/A
Frequency of flow rate verification for manual PM samplers	N/A	Monthly	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Semi Annually	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A ARB	06/12/2020 11/18/2020	06/08/2020 11/18/2020	09/28/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.

Pollutant, POC	Speciated PM2.5, N/A	Speciated PM2.5, N/A	PM2.5 Carbon, N/A	PM2.5 Carbon, N/A
Primary / QA Collocated / Other	Primary	QA Collocated	Primary	QA Collocated
Parameter code	N/A	N/A	N/A	N/A
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	STN	STN	STN	STN
Instrument manufacturer and model	Met One SASS, A Sampler	Met One SASS, B Sampler	URG-3000N, A Sampler	URG-3000N, B Sampler
Method code	N/A	N/A	N/A	N/A
FRM/FEM/ARM/ other	Other	Other	Other	Other
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	EPA STN	EPA STN	EPA STN	EPA STN
Reporting Agency	EPA	EPA	EPA	EPA
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	03/2001	03/2001	05/2007	05/2007
Current sampling frequency (e.g. 1:3, continuous)	1:3	1:6	1:3	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	1:3	1:6	1:3	1:6
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	3.0	3.0	3.0	3.0
Distance from supporting structure (meters)	2.0	2.0	2.0	2.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)
Unrestricted airflow (degrees)	360°	360°	360°	360°

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	09/28/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.	09/28/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.	The semi-annual flow rate audits were not completed due to COVID-19.	The semi-annual flow rate audits were not completed due to COVID-19.

Pollutant, POC	Lead, 2	PM10, 2	PM10, 4	Metals, CR6, 4
Primary / QA Collocated / Other	Primary	Primary	QA Collocated	Primary
Parameter code	14129	81102	81102	12115
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	NATTS	N/A	N/A	NATTS
Instrument manufacturer and model	GMW 1200 TSP	Tisch TE-6001	Tisch TE-6001	RM Env. 924, A Sampler
Method code	110	063	063	920
FRM/FEM/ARM/ other	FRM	FRM	FRM	Other
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	09/06/1990	01/01/1988	01/01/1988	01/2007
Current sampling frequency (e.g.1:3, continuous)	1:6	1:3	1:6	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	1:6	1:6	1:6	1:6
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	3.0	3.0	3.0	3.0
Distance from supporting structure (meters)	2.0	2.0	2.0	2.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	10	10	10	10
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	4	4	4
Unrestricted airflow (degrees)	360°	360°	360°	360°

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	07/22/2020 12/16/2020	08/14/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.	08/14/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.	The semi-annual flow rate audits were not completed due to COVID-19.

Pollutant, POC	Metals, CR6, 5	Metals, CR6, Carbonyls, N/A	Polycyclic Aromatic Hydrocarbons, 1	Polycyclic Aromatic Hydrocarbons, 2
Primary / QA Collocated / Other	QA Collocated	Primary	N/A	QA Collocated
Parameter code	12115	N/A	17202	17202
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	NATTS	N/A	NATTS	NATTS
Instrument manufacturer and model	RM Env. 924, B Sampler	RM Env. 924	Tisch Env. PUF, A Sampler	Tisch Env. PUF, B Sampler
Method code	920	N/A	106	106
FRM/FEM/ARM/ other	Other	Other	Other	Other
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	South Coast AQMD	ARB Toxics	ERG North Carolina	ERG North Carolina
Reporting Agency	South Coast AQMD	ARB	ERG North Carolina	ERG North Carolina
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	01/2007	01/1989	07/2007	07/2007
Current sampling frequency (e.g. 1:3, continuous)	1:Every other month	1:12	1:6	1:Every other month
Calculated sampling frequency (e.g. 1:3/1:1)	No CFR mandated sampling schedule.	No CFR mandated sampling schedule.	No CFR mandated sampling schedule.	No CFR mandated sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	3	3	3	3
Distance from supporting structure (meters)	2	2	2	2
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	3	3	3	3
Unrestricted airflow (degrees)	360°	360°	360°	360°

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	Monthly	N/A	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	The semi-annual flow rate audits were not completed due to COVID-19.	N/A	N/A	N/A

Pollutant, POC	Carbon Monoxide, 9	Sulfur Dioxide, 9	NOY, 9	WS & D, 1/1
Primary / QA Collocated / Other	N/A	N/A	N/A	N/A
Parameter code	42101	42401	42612	61101/61102
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Population Exposure	Population Exposure	Meteorological
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	NCORE	NCORE	NCORE	PAMS/NCORE
Instrument manufacturer and model	Teledyne 300EU	Thermo 43i-TLE	Thermo 42i-Y	RM Young 05305V
Method code	593	560	674	065/065
FRM/FEM/ARM/ other	FRM	FEM	N/A	N/A
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A	N/A	N/A
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Urban	Neighborhood
Monitoring start date (MM/DD/YYYY)	03/30/2010	08/03/2010	08/19/2010	09/1972
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	Continuous
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	1:1
Sampling season (MM/DD-MM/DD)	01/01/-12/31	01/01/-12/31	01/01/-12/31	01/01-12/31
Probe height (meters)	4	4	10	10
Distance from supporting structure (meters)	1.5 *Roof itself is supporting structure.	1.5 *Roof itself is supporting structure.	N/A	10
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	10
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	N/A	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	Teflon	N/A
Residence time for reactive gases (seconds)	8.9	17.1	< 20 Seconds	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	No	No	No	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Weekly	Weekly	Weekly	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	12/17/2020	12/17/2020	12/17/2020	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	N/A

Pollutant, POC	RH/T, 1/1	BP, 1	SR, 1	UVR, 1
Primary / QA Collocated / Other	N/A	N/A	N/A	N/A
Parameter code	62201/62101	64101	63301	63302
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Meteorological	Meteorological	Meteorological	Meteorological
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	PAMS/NCORE	PAMS/NCORE	PAMS/NCORE	PAMS/NCORE
Instrument manufacturer and model	Rotronic HC2-S3	Met One 091	Kipp & Zonen CMP6	Eppley TUVR
Method code	063/063	015	011	011
FRM/FEM/ARM/ other	N/A	N/A	N/A	N/A
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A	N/A	N/A
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	09/1972	09/1972	09/1972	09/1972
Current sampling frequency (e.g.1:3, continuous)	Continuous	Continuous	Continuous	Continuous
Calculated sampling frequency (e.g. 1:3/1:1)	1:1	1:1	1:1	1:1
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	9.0	4.0	3.8	3.6
Distance from supporting structure (meters)	9.0	1.6	1.4	1.2
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	10	10	10	10
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	N/A	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°

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

**Rubidoux
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**Rubidoux
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.