

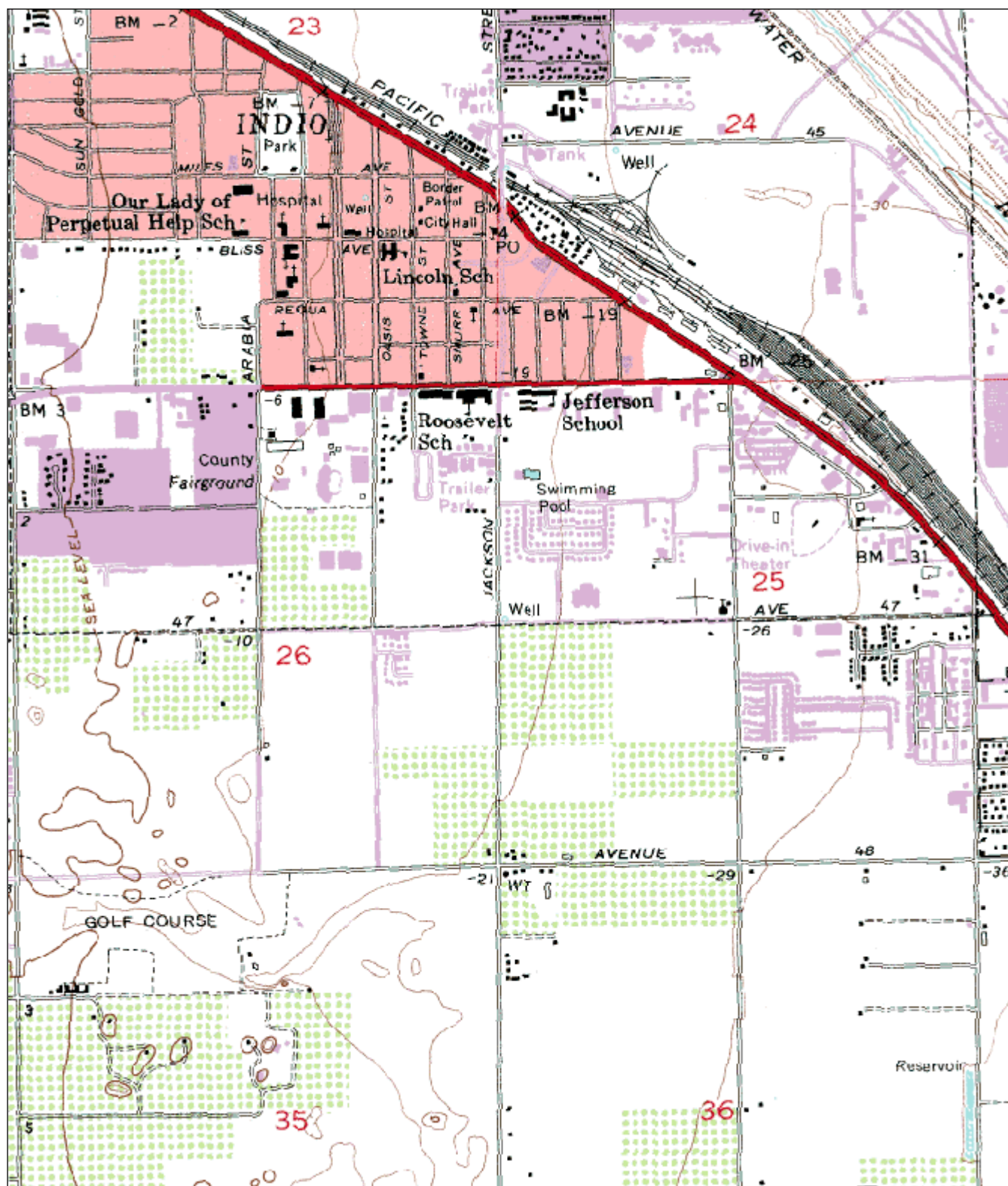
## South Coast AQMD Site Survey Report for Indio

*Last updated: May 19, 2022*



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060652002	33157	01/1983	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
46990 Jackson Street Indio, CA 92201	Riverside	Salton Sea	33° 42' 30"N	116° 12' 55"W	0



## Detailed Site Information

Local site name	Indio			
AQS ID	060652002			
GPS coordinates (decimal degrees)	Latitude: 33° 42' 30" Longitude: 116° 12' 55"			
Street Address	46990 Jackson Street, Indio, CA 92201			
County	Riverside			
Distance to roadways (meters)	88			
Traffic count (AADT, year)	16,258 / 2012			
Groundcover (e.g. asphalt, dirt, sand)	Asphalt/dirt			
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside-San Bernardino-Ontario, CA MSA			
Pollutant, POC	Ozone, 1	PM10, 2	PM10, 6	PM10, 4
Primary / QA Collocated / Other	N/A	Primary	Composite to POC 2	QA Collocated
Parameter code	44201	81102	81102	81102
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	N/A	N/A	N/A	N/A
Instrument manufacturer and model	Teledyne T400	Sierra Andersen 1200 SSI, A-1 Sampler	Sierra Andersen 1200 SSI, A-2 Sampler	Sierra Andersen 1200 SSI, B Sampler
Method code	087	063	063	063
FRM/FEM/ARM/ other	FEM	FRM	FRM	FRM
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	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)	01/1983	01/1983	03/2003	03/2003
Current sampling frequency (e.g. 1:3, continuous)	1:1	1:6	1:6	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:3	1:6 *sample schedule offset by 3 days.	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)	4.5	2.6	2.6	2.6
Distance from supporting structure (meters)	2.0	1.6	1.6	1.6
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	2.2	2.0	2.2
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	N/A	N/A	N/A
Residence time for reactive gases (seconds)	13.0	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	Yes	Yes	Yes	Yes
Is it suitable for comparison against the annual PM <sub>2.5</sub> ? (Y/N)	N/A	N/A	N/A	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	Nightly	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	11/09/2021	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	05/20/2021 12/02/2021	05/20/2021 12/02/2021	05/20/2021 12/02/2021

Pollutant, POC	Continuous PM10, 3	24 Hour PM2.5, 1	Continuous PM2.5, 3	
Primary / QA Collocated / Other	Primary	Collocated <i>For Network Thermo 5014i BAM (PM 2.5)</i>	Primary	
Parameter code	81102	88101	88101	
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	
Site type(s)	Highest Concentration	Population Exposure	Population Exposure	
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network Affiliation	N/A	N/A	N/A	
Instrument manufacturer and model	Thermo 5014i BAM	Partisol 2000i	Thermo 5014i BAM	
Method code	150	143	183	
FRM/FEM/ARM/ other	FEM	FRM	FEM	
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	South Coast AQMD	South Coast AQMD	
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	
Monitoring start date (MM/DD/YYYY)	02/09/2009	02/04/1999	01/2020	
Current sampling frequency (e.g. 1:3, continuous)	Continuous	1:12	Continuous	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	
Probe height (meters)	4.3	3.0	4.3	
Distance from supporting structure (meters)	1.8 *supporting structure is roof itself	2.0	1.8 *supporting structure is roof itself	
Distance from obstructions on roof (meters)	N/A	N/A	N/A	
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	
Distance from trees (meters)	N/A	N/A	N/A	
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	
Distance between collocated monitors (meters)	4.0	2.0	2.0	
Unrestricted airflow	360°	360°	360°	

(degrees)				
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	
Residence time for reactive gases (seconds)	N/A	N/A	N/A	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	Yes	Yes	
Frequency of flow rate verification for manual PM samplers	N/A	Monthly	N/A	
Frequency of flow rate verification for automated PM analyzers	Monthly	N/A	Monthly	
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	05/20/2021 12/02/2021	05/20/2021 12/02/2021	05/20/2021 12/02/2021	

Pollutant, POC	WS & D, 1/1	RH/T, 1/1	BP, 1	
Primary / QA Collocated / Other	N/A	N/A	N/A	
Parameter code	61101/61102	62201/62101	64101	
Basic monitoring objective(s)	Research	Research	Research	
Site type(s)	Meteorological	Meteorological	Meteorological	
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network Affiliation	N/A	N/A	N/A	
Instrument manufacturer and model	RM Young 05305V	Rotronic HC2-S3	Met One 091	
Method code	065/065	063/063	015	
FRM/FEM/ARM/ other	N/A	N/A	N/A	
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e., weigh lab, toxics lab,	N/A	N/A	N/A	
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	
Monitoring start date (MM/DD/YYYY)	01/1983	01/1983	01/1983	
Current sampling frequency (e.g.1:3, continuous)	Continuous	Continuous	Continuous	
Calculated sampling frequency (e.g. 1:3/1:1)	1:1	1:1	1:1	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	
Probe height (meters)	10	4.0	4.0	
Distance from supporting structure (meters)	10	2.5	2.5	
Distance from obstructions on roof (meters)	N/A	N/A	N/A	
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	
Distance from trees (meters)	N/A	N/A	N/A	
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	
Distance between collocated monitors (meters)	N/A	N/A	N/A	
Unrestricted airflow (degrees)	360°	360°	360°	

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	
Residence time for reactive gases (seconds)	N/A	N/A	N/A	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM <sub>2.5</sub> ? (Y/N)	N/A	N/A	N/A	
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	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	



**Indio  
Site Photos**



**Looking North from the probe.**



**Looking East from the probe.**



**Looking South from the probe.**



**Looking West from the probe.**

**Indio  
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.**