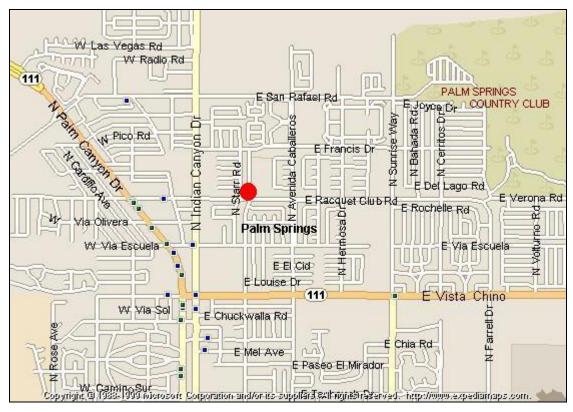
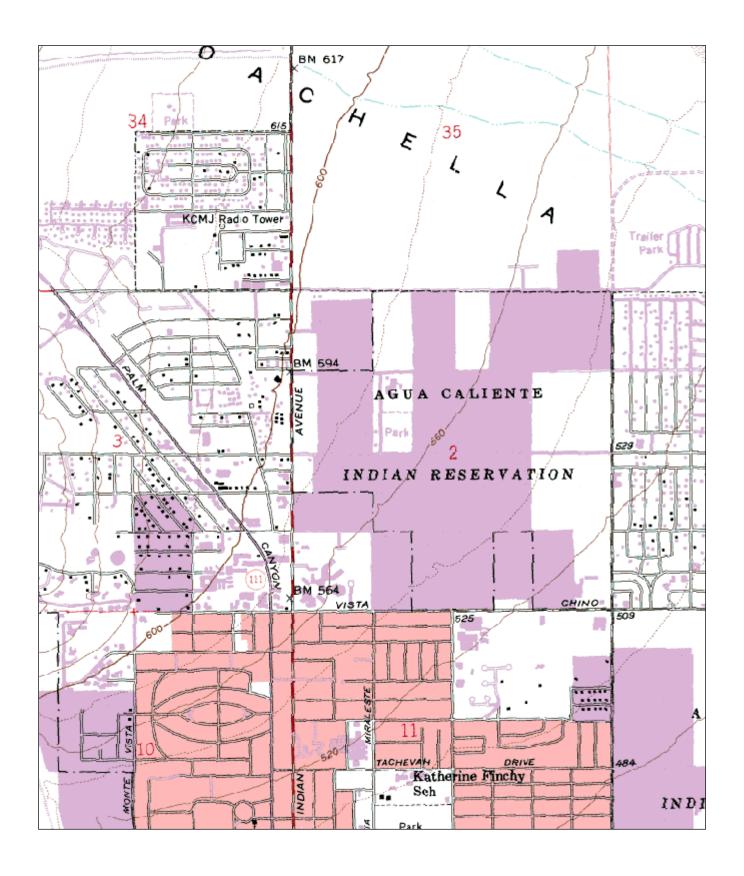
South Coast AQMD Site Survey Report for Palm Springs

Last updated: June 7, 2023



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060655001	33137	04/1971	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
590 E. Racquet Club Avenue Palm Springs, CA 92262	Riverside	Salton Sea	33.852605	-116.540965	172 m



Detailed Site Information

Local site name	Palm Sp	rings-Fire Station				
AQS ID	0606550	Ŭ				
GPS coordinates (decimal degre		Latitude: 33.852605, Longitude: -116.540965				
Street Address		Lacquet Club Avenue, Pal				
County	Riversid	e				
Distance to roadways (meters)	15					
Traffic count (AADT, year)	5,000 / 2	2012				
Groundcover	Concrete					
(e.g. asphalt, dirt, sand)						
Representative statistical area na	ame 40140-R	40140-Riverside-San Bernardino-Ontario, CA MSA				
(i.e. MSA, CBSA, other)						
	n Monoxide, 1	Nitrogen Dioxide, 2	Ozone, 1	PM10, 2		
Primary / QA N/A	,	N/A	N/A	Primary		
Collocated / Other						
Parameter code 42101		42602	44201	88102		
Basic monitoring NAAQ	OS	NAAQS	NAAQS	NAAQS		
objective(s)				`		
	tion Exposure	Population Exposure	Population Exposure	Population Exposure		
Monitor (type) SLAM		SLAMS	SLAMS	SLAMS		
Network Affiliation N/A		N/A	N/A	N/A		
	APMA 370	Teledyne T200	Teledyne T400	Sierra Andersen 1200		
manufacturer and				SSI		
model						
Method code 158		099	087	063		
FRM/FEM/ARM/ FRM		FRM	FEM	FRM		
other						
Collecting Agency South	Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD		
Analytical Lab (i.e., N/A		N/A	N/A	South Coast AQMD		
weigh lab, toxics lab,				`		
other)						
Reporting Agency South	Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD		
Spatial scale (e.g. Neight	orhood	Neighborhood	Neighborhood	Neighborhood		
micro, neighborhood)						
Monitoring start date 04/197	' 1	04/1971	04/1971	01/1985		
(MM/DD/YYYY)						
Current sampling 1:1		1:1	1:1	1:6		
frequency (e.g.1:3,						
continuous)						
Calculated sampling N/A		N/A	N/A	1:6		
frequency						
(e.g. 1:3/1:1)						
Sampling season 01/01-	12/31	01/01-12/31	01/01-12/31	01/01-12/31		
(MM/DD-MM/DD)						
Probe height (meters) 4.9		4.9	4.9	2.5		
Distance from 1.9		1.9	1.9	1.5		
supporting structure				*Stand itself is		
(meters)				supporting structure.		
Distance from N/A		N/A	N/A	N/A		
obstructions on roof						
			•	1		

Distance from	N/A	N/A	N/A	N/A
obstructions not on				
roof (meters)				
Distance from trees	8 m East	8 m East	8 m East	5.4 m Southeast
(meters)	Height 5.9 m	Height 5.9 m	Height 5.9 m	Height 5.9 m
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue				
(meters)				
Distance between	N/A	N/A	N/A	N/A
collocated monitors				
(meters)	2.500	2.500	2.00	2.500
Unrestricted airflow	360°	360°	360°	360°
(degrees)	TD. CI	TO CI	TD. CI	27/4
Probe material for	Teflon	Teflon	Teflon	N/A
reactive gases				
(e.g. Pyrex, stainless steel, Teflon)				
Residence time for	10.4	16.3	10.8	N/A
reactive gases	10.4	10.5	10.0	14/11
(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	Monthly
rate verification for				
manual PM samplers	22/	37/1	37/1	
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for				
automated PM analyzers				
Frequency of one-	Nightly	Nightly	Nightly	N/A
point QC check for	iviginity	iviginity	iviginity	IVA
gaseous instruments				
Last Annual	11/17/2022	11/17/2022	11/17/2022	N/A
Performance				
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	N/A	N/A	N/A	04/07/2022
flow rate audits for				09/21/2022
PM monitors				
(MM/DD/YYYY,				
MM/DD/YYYY)				

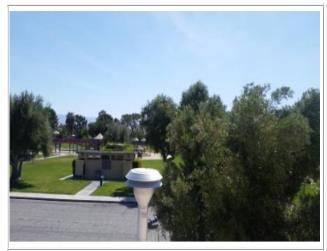
Pollutant, POC	Continuous PM10, 3	24 Hour PM2.5, 1		
Primary / QA		•		
Collocated / Other	Primary	Primary		
	01102	00101		
Parameter code	81102 NAAQS	88101 NAAQS		
Basic monitoring	NAAQS	NAAQS		
objective(s)	D 1.4' E	D 1.4' E		
Site type(s)	Population Exposure	Population Exposure		
Monitor (type)	SLAMS	SLAMS		
Network affiliation	N/A	N/A		
Instrument	Thermo 5014i	Partisol 2025i		
manufacturer and				
model	150	145		-
Method code	150	145		
FRM/FEM/ARM/	FEM	FRM		
other	C. d. C. d. AOMD	C. 4. C AOMD		-
Collecting Agency	South Coast AQMD	South Coast AQMD		
Analytical Lab (i.e.,	N/A	South Coast AQMD		
weigh lab, toxics lab,				
other)				
Reporting Agency	South Coast AQMD	South Coast AQMD		
Spatial scale (e.g.	Neighborhood	Neighborhood		
micro, neighborhood)				
Monitoring start date (MM/DD/YYYY)	06/02/2009	12/26/1999		
Current sampling	Continuous	1:3		
frequency (e.g.1:3,				
continuous)				
Calculated sampling	N/A	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)	4.6	3.1		
Distance from	1.6	2.1		
supporting structure	*Roof itself is			
(meters)	supporting structure.			
Distance from	N/A	N/A		
obstructions on roof				
(meters)				
Distance from	N/A	N/A		
obstructions not on				
roof (meters)				
Distance from trees	5.4 m East	8 m Southeast		
(meters)	Height 5.9 m	Height 5.9 m		
Distance to furnace or	N/A	N/A		
incinerator flue				
(meters)				
Distance between	2.1	N/A		
collocated monitors				
(meters)				
Unrestricted airflow	360°	360°		
(degrees)		- 24		
\ -0/	ı	1	1	1

obe material for	N/A	N/A	1
	1 1/11	IN/A	
ctive gases			
g. Pyrex, stainless			
el, Teflon)			
sidence time for	N/A	N/A	
ctive gases			
conds)			
ll there be changes	No	No	
thin the next 18			
onths? (Y/N)			
t suitable for	N/A	Yes	
mparison against			
annual PM2.5?			
/N)			
equency of flow	N/A	Monthly	
e verification for			
nual PM samplers			
equency of flow	Monthly	N/A	
e verification for	•		
comated PM			
alyzers			
equency of one-	N/A	N/A	
int QC check for			
seous instruments			
st Annual	N/A	N/A	
rformance			
aluation for			
seous parameters			
M/DD/YYYY)			
st two semi-annual	04/22/2022	04/07/2022	
w rate audits for	09/21/2022	09/21/2022	
I monitors			
M/DD/YYYY,			
M/DD/YYYY)			
Ill there be changes thin the next 18 onths? (Y/N) it suitable for mparison against annual PM2.5? (N) equency of flow e verification for mula PM samplers equency of flow e verification for mula PM samplers equency of one-tint QC check for seous instruments st Annual rformance aluation for seous parameters (M/DD/YYYY) st two semi-annual w rate audits for fl monitors (M/DD/YYYY,	N/A N/A Monthly N/A N/A 04/22/2022	Yes Monthly N/A N/A N/A 04/07/2022	

Pollutant, POC	WS & D, 1/1	RH/T, 1/1	BP, 1
Primary / QA	N/A	N/A	N/A
Collocated / Other	14/11	14/11	14/11
Parameter code	61101/61102	62201/62101	64101
Basic monitoring	Research	Research	Research
objective(s)	Research	Research	Research
	Matagralagical	Matagralagical	Matagralagical
Site type(s)	Meteorological	Meteorological	Meteorological
Monitor (type)	SLAMS	SLAMS	SLAMS
Network affiliation	N/A	N/A	N/A
Instrument	RM Young 05305	Rotronic HC2-S3	Met One 091
manufacturer and			
model			
Method code	065/065	063/063	015
FRM/FEM/ARM/	N/A	N/A	N/A
other			
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e.,	N/A	N/A	N/A
weigh lab, toxics lab,			
other)			
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g.	Neighborhood	Neighborhood	Neighborhood
micro, neighborhood)			
Monitoring start date	04/1971	04/1971	04/1971
(MM/DD/YYYY)			
Current sampling	Continuous	Continuous	Continuous
frequency (e.g.1:3,			
continuous)			
Calculated sampling	1:1	1:1	1:1
frequency	1.1	1.1	
(e.g. 1:3/1:1)			
Sampling season	01/01-12/31	01/01-12/31	01/01-12/31
(MM/DD-MM/DD)	01/01 12/31	01/01 12/31	01/01 12/31
Probe height (meters)	22	22	
Distance from	6.07	6.07	2.61
	0.07	0.07	2.01
supporting structure			
(meters)	NT/A	NT/A	NY/A
Distance from	N/A	N/A	N/A
obstructions on roof			
(meters)	NT/A	NT/A	NT/A
Distance from	N/A	N/A	N/A
obstructions not on			
roof (meters)	22	22	100
Distance from trees	22	22	22
(meters)			
Distance to furnace or	N/A	N/A	N/A
incinerator flue			
(meters)			
Distance between	N/A	N/A	N/A
collocated monitors			
(meters)			
Unrestricted airflow	360°	360°	360°
(degrees)			

Probe material for	N/A	N/A	N/A	
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	N/A	N/A	N/A	
reactive gases				
(seconds)				
Will there be changes	No	No	No	
within the next 18				
months? (Y/N)				
Is it suitable for	N/A	N/A	N/A	
comparison against	1771	1771	1771	
the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	N/A	N/A	
rate verification for	IV/A	IVA	IV/A	
manual PM samplers				
Frequency of flow	N/A	N/A	N/A	
rate verification for	IN/A	IV/A	N/A	
automated PM				
analyzers	NT/A	NT/A	NT/A	
Frequency of one-	N/A	N/A	N/A	
point QC check for				
gaseous instruments	27/4	27/4	27/4	
Last Annual	N/A	N/A	N/A	
Performance				
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	N/A	N/A	N/A	
flow rate audits for				
PM monitors				
(MM/DD/YYYY,				
MM/DD/YYYY)				

Palm Springs Site Photos



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.



Looking North from the probe.

Palm Springs Site Photos (Cont.)



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.



Looking at the probe from the North.