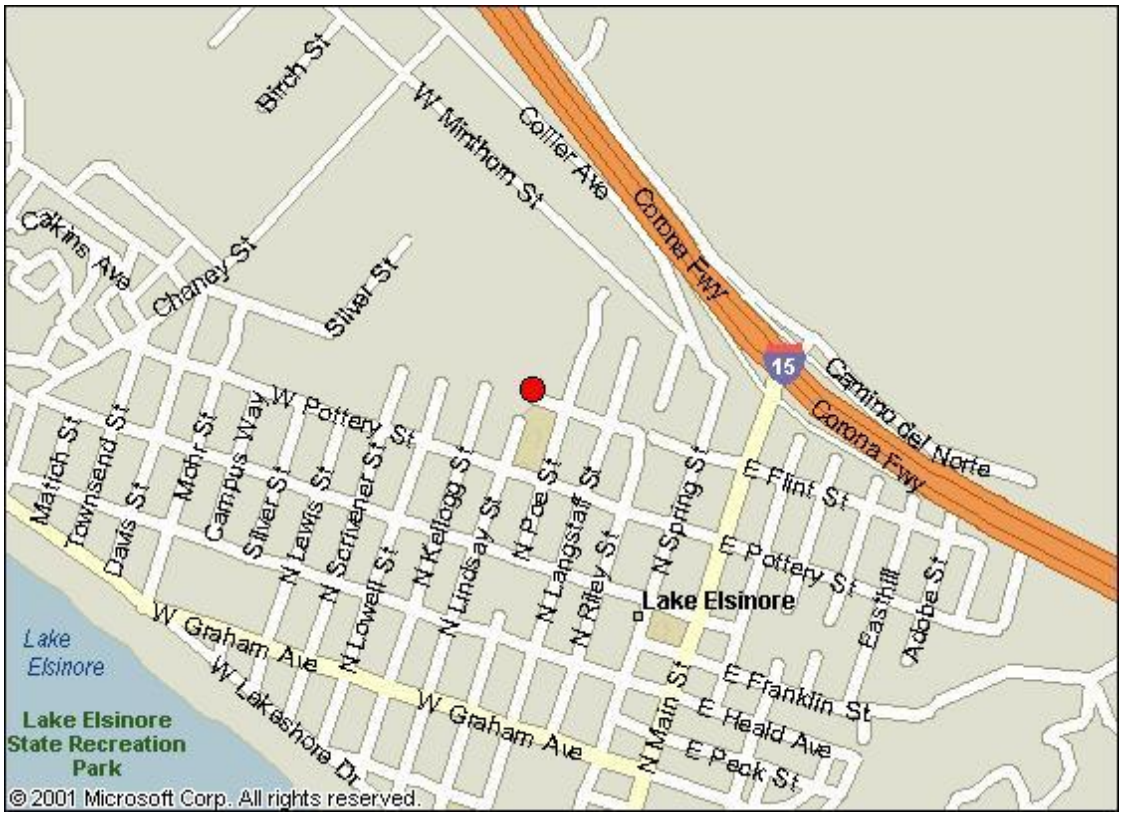
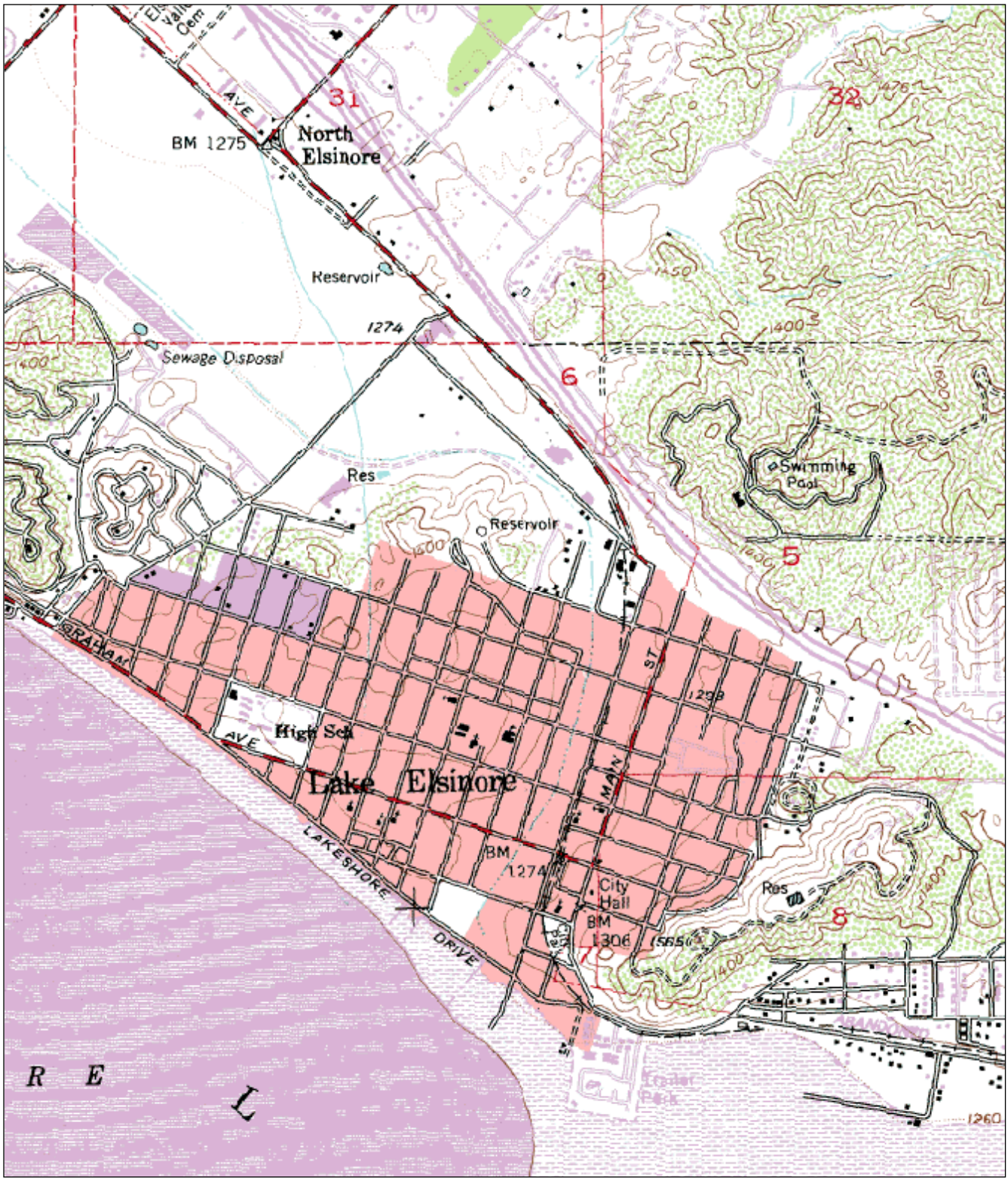
South Coast AQMD
Site Survey Report for Lake Elsinore

Last updated: May 13, 2023



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060659001	33158	06/1987	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
506 W. Flint Street Lake Elsinore, CA 92530	Riverside	South Coast	33.676535	-117.331027	410


North Elsinore
BM 1275
Reservoir
Sewage Disposal
1274
Res
Reservoir
Swimming Pool
Lake Elsinore
High Sch
AVE
GRAHAM
MAIN ST
LAKESHORE DRIVE
BM 1274
City Hall
BM 1306
Res
ABANDONED
Trailer Park
31
32
6
5
8
10
1400
1500
1600
1260
R E L

Detailed Site Information

Local site name	Lake Elsinore
AQS ID	060659001
GPS coordinates (decimal degrees)	Latitude: 33.676535, Longitude: -117.331027
Street Address	506 W. Flint Street, Lake Elsinore, CA 92530
County	Riverside
Distance to roadways (meters)	50
Traffic count (AADT, year)	< 2,000 / 2012
Groundcover (e.g. asphalt, dirt, sand)	Asphalt
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside-San Bernardino-Ontario, CA MSA

Pollutant, POC	Carbon Monoxide, 1	Nitrogen Dioxide, 1	Ozone, 1	Continuous PM10, 3
Primary / QA Collocated / Other	N/A	N/A	N/A	Primary
Parameter code	42101	42602	44201	81102
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Population Exposure	Population Exposure	Population Exposure
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network Affiliation	N/A	N/A	N/A	N/A
Instrument manufacturer and model	Horiba APMA 370	Teledyne T200	Teledyne T400	Met One BAM 1020
Method code	158	099	087	122
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	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	06/1987	06/1987	06/1987	01/10/1994
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	1:1
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)	4.1	4.1	4.1	4.2
Distance from supporting structure (meters)	1.5 *Supporting structure is roof itself	1.5 *Supporting structure is roof itself	1.5 *Supporting structure is roof itself	1.6 *Supporting structure is roof itself
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)	>20m to E and SE Height @ 10 m	>20m to E and SE Height @ 10 m	>20m to E and SE Height @ 10 m	>20m to E and SE Height @ 10 m
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)	7.4	13.9	9.8	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	Monthly
Frequency of one-point QC check for gaseous instruments	Nightly	Nightly	Nightly	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	04/21/2022	04/21/2022	04/21/2022	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	03/10/2022 10/06/2022

Pollutant, POC	Continuous PM2.5, 3	WS & D, 1/1	RH/T, 1/1	
Primary / QA Collocated / Other	Other	N/A	N/A	
Parameter code	88502	61101/61102	62201/62101	
Basic monitoring objective(s)	General Public Info	Research	Research	
Site type(s)	Population Exposure	Meteorological	Meteorological	
Monitor (type)	Other	SLAMS	SLAMS	
Network Affiliation	N/A	N/A	N/A	
Instrument manufacturer and model	Met One BAM 1020	RM Young 05305V	Rotronic HC2-S3	
Method code	731	065/065	063/063	
FRM/FEM/ARM/ other	Non-FEM	N/A	N/A	
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e., weigh lab, toxics lab, other)	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)	01/17/2006	06/1987	06/1987	
Current sampling frequency (e.g.1:3, continuous)	1:1	Continuous	Continuous	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	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)	4.3	10	9.0	
Distance from supporting structure (meters)	1.7 *Supporting structure is roof itself	10	9.0	
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)	>20m to E and SE Height @ 10 m	>20m to E and SE Height @ 10 m	>20m to E and SE Height @ 10 m	
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 PM2.5? (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	Monthly	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)	03/10/2022 10/06/2022	N/A	N/A	

Lake Elsinore
Site Photos

Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Lake Elsinore
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.