

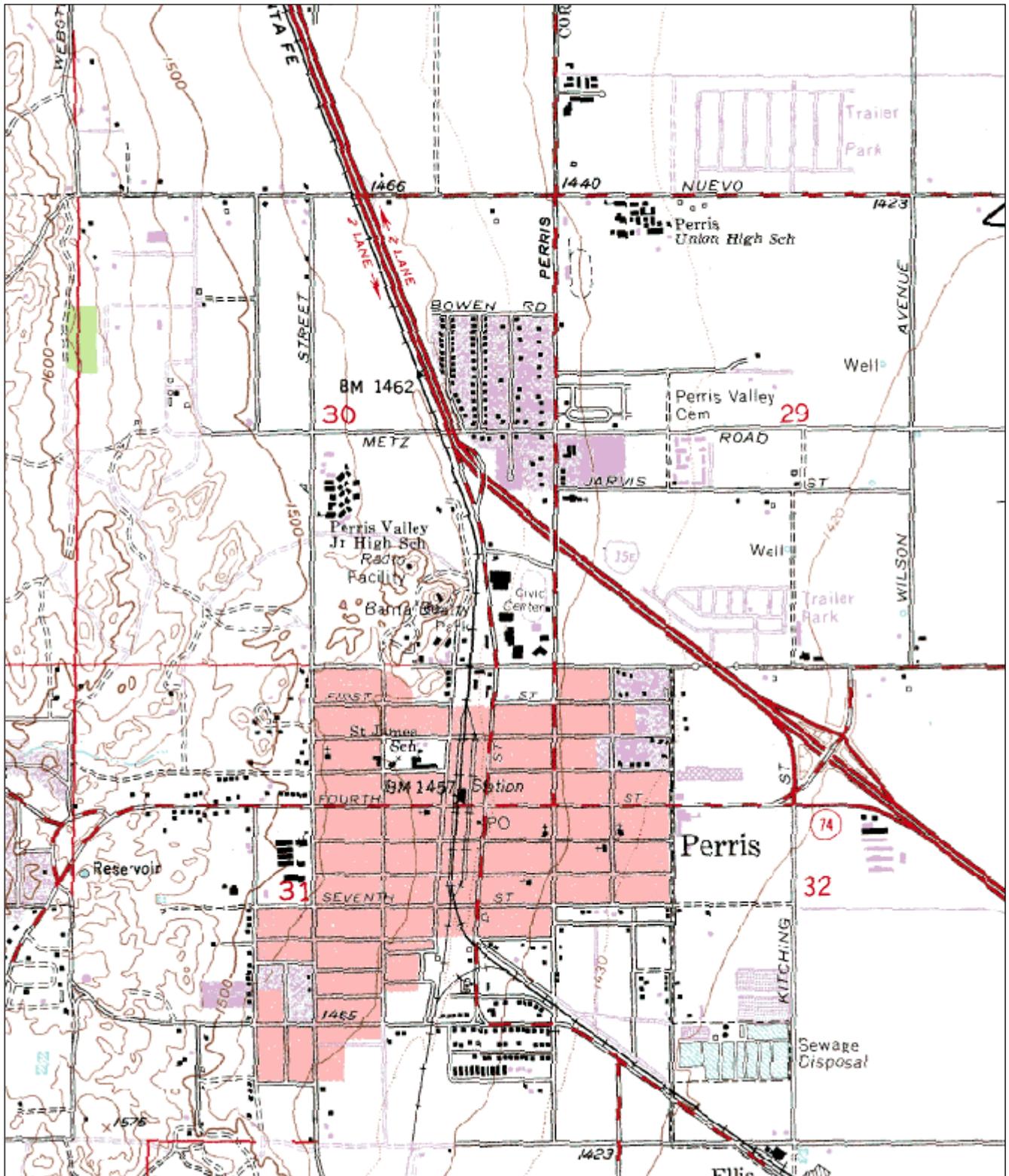
## South Coast AQMD Site Survey Report for Perris

Last updated: May19, 2022



| AQS ID    | ARB Number | Site Start Date | Reporting Agency and Agency Code |
|-----------|------------|-----------------|----------------------------------|
| 060656001 | 33149      | 05/1973         | South Coast AQMD (0972)          |

| Site Address                            | County    | Air Basin   | Latitude     | Longitude     | Elevation |
|---|-----------|-------------|--------------|---------------|-----------|
| 237 1/2 N. D Street<br>Perris, CA 92570 | Riverside | South Coast | 33° 47' 20"N | 117° 13' 40"W | 442 m     |



## Detailed Site Information

|   |   |  |                  |                  |
|---|---|--|------------------|------------------|
| Local site name   | Perris  |  |                  |                  |
| AQS ID  | 060656001                                       |  |                  |                  |
| GPS coordinates (decimal degrees)                               | Latitude: 33° 47' 20" Longitude: 117° 13' 40"   |  |                  |                  |
| Street Address  | 237 ½ N. D Street, Perris, CA 92570             |  |                  |                  |
| County  | Riverside                                       |  |                  |                  |
| Distance to roadways (meters)                                   | 74; 173m  |  |                  |                  |
| Traffic count (AADT, year)                                      | 39,500 / 2012; 215/D St., 99,000 / 2011         |  |                  |                  |
| Groundcover<br>(e.g. asphalt, dirt, sand)                       | Asphalt   |  |                  |                  |
| Representative statistical area name<br>(i.e. MSA, CBSA, other) | 40140-Riverside-San Bernardino-Ontario, CA MSA  |  |                  |                  |
| Pollutant, POC  | Ozone, 1  | PM10, 1  | WS & D, 1/1      | RH/T, 1/1        |
| Primary / QA<br>Collocated / Other                              | N/A   | Primary  | N/A              | N/A              |
| Parameter code  | 44201   | 81102  | 61101/61102      | 62201/62101      |
| Basic monitoring<br>objective(s)                                | NAAQS   | NAAQS  | Research         | Research         |
| Site type(s)  | Population Exposure                             | Population Exposure                              | Meteorological   | Meteorological   |
| Monitor (type)  | SLAMS   | SLAMS  | SLAMS            | SLAMS            |
| Network affiliation   | N/A   | N/A  | N/A              | N/A              |
| Instrument<br>manufacturer and<br>model                         | Thermo 49i                                      | Sierra Andersen 1200<br>SSI                      | RM Young 05305V  | Rotronic HC2-S3  |
| Method code   | 047   | 063  | 065/065          | 063/063          |
| FRM/FEM/ARM/<br>other   | FEM   | FRM  | N/A              | N/A              |
| Collecting Agency   | South Coast AQMD                                | South Coast AQMD                                 | South Coast AQMD | South Coast AQMD |
| Analytical Lab (i.e.,<br>weigh lab, toxics lab,<br>other)       | N/A   | South Coast AQMD                                 | N/A              | N/A              |
| Reporting Agency  | South Coast AQMD                                | South Coast AQMD                                 | South Coast AQMD | South Coast AQMD |
| Spatial scale (e.g.<br>micro, neighborhood)                     | Neighborhood                                    | Neighborhood                                     | Neighborhood     | Neighborhood     |
| Monitoring start date<br>(MM/DD/YYYY)                           | 05/01/1973                                      | 05/01/1973                                       | 05/1973          | 05/1973          |
| Current sampling<br>frequency (e.g. 1:3,<br>continuous)         | 1:1   | 1:6  | Continuous       | Continuous       |
| Calculated sampling<br>frequency<br>(e.g. 1:3/1:1)              | N/A   | 1:6  | 1:1              | 1:1              |
| Sampling season<br>(MM/DD-MM/DD)                                | 01/01-12/31                                     | 01/01-12/31                                      | 01/01-12/31      | 01/01-12/31      |
| Probe height (meters)   | 3.5   | 2.6  | 11.6             | 5.4              |
| Distance from<br>supporting structure<br>(meters)               | 1.8<br>*Roof itself is<br>supporting structure. | 1.6<br>*Stand itself is<br>supporting structure. | 5.9              | 3.4              |
| Distance from<br>obstructions on roof<br>(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     | N/A                      | N/A  | N/A  |
| Residence time for reactive gases (seconds)                                    | 12.7       | 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        | Monthly                  | 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    | N/A                      | N/A  | N/A  |
| Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)         | 05/19/2021 | N/A                      | N/A  | N/A  |
| Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY) | N/A        | 04/08/2021<br>09/09/2021 | N/A  | N/A  |

|   |                  |  |  |  |
|---|------------------|--|--|--|
| Pollutant, POC                                      | BP,1             |  |  |  |
| Primary / QA Collocated / Other                     | N/A              |  |  |  |
| Parameter code                                      | 64101            |  |  |  |
| Basic monitoring objective(s)                       | NAAQS            |  |  |  |
| Site type(s)  | Meteorological   |  |  |  |
| Monitor (type)                                      | SLAMS            |  |  |  |
| Network affiliation                                 | N/A              |  |  |  |
| Instrument manufacturer and model                   | Met One 091      |  |  |  |
| Method code   | 015              |  |  |  |
| FRM/FEM/ARM/ other                                  | N/A              |  |  |  |
| Collecting Agency                                   | South Coast AQMD |  |  |  |
| Analytical Lab (i.e., weigh lab, toxics lab, other) | N/A              |  |  |  |
| Reporting Agency                                    | South Coast AQMD |  |  |  |
| Spatial scale (e.g. micro, neighborhood)            | Neighborhood     |  |  |  |
| Monitoring start date (MM/DD/YYYY)                  | 05/1973          |  |  |  |
| Current sampling frequency (e.g.1:3, continuous)    | Continuous       |  |  |  |
| Calculated sampling frequency (e.g. 1:3/1:1)        | 1:1              |  |  |  |
| Sampling season (MM/DD-MM/DD)                       | 01/01-12/31      |  |  |  |
| Probe height (meters)                               | 2.2              |  |  |  |
| Distance from supporting structure (meters)         | .5               |  |  |  |
| Distance from obstructions on roof (meters)         | N/A              |  |  |  |
| Distance from obstructions not on roof (meters)     | N/A              |  |  |  |
| Distance from trees (meters)                        | N/A              |  |  |  |
| Distance to furnace or incinerator flue (meters)    | N/A              |  |  |  |
| Distance between collocated monitors (meters)       | N/A              |  |  |  |

|  |      |  |  |  |
|--|------|--|--|--|
| Unrestricted airflow (degrees)   | 360° |  |  |  |
| Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)        | N/A  |  |  |  |
| Residence time for reactive gases (seconds)                                    | N/A  |  |  |  |
| Will there be changes within the next 18 months? (Y/N)                         | No   |  |  |  |
| Is it suitable for comparison against the annual PM2.5? (Y/N)                  | N/A  |  |  |  |
| Frequency of flow rate verification for manual PM samplers                     | N/A  |  |  |  |
| Frequency of flow rate verification for automated PM analyzers                 | N/A  |  |  |  |
| Frequency of one-point QC check for gaseous instruments                        | N/A  |  |  |  |
| Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)         | N/A  |  |  |  |
| Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY) | N/A  |  |  |  |

**Perris  
Site Photos**



**Looking North from the probe.**



**Looking East from the probe.**



**Looking South from the probe.**



**Looking West from the probe.**

**Perris  
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.**