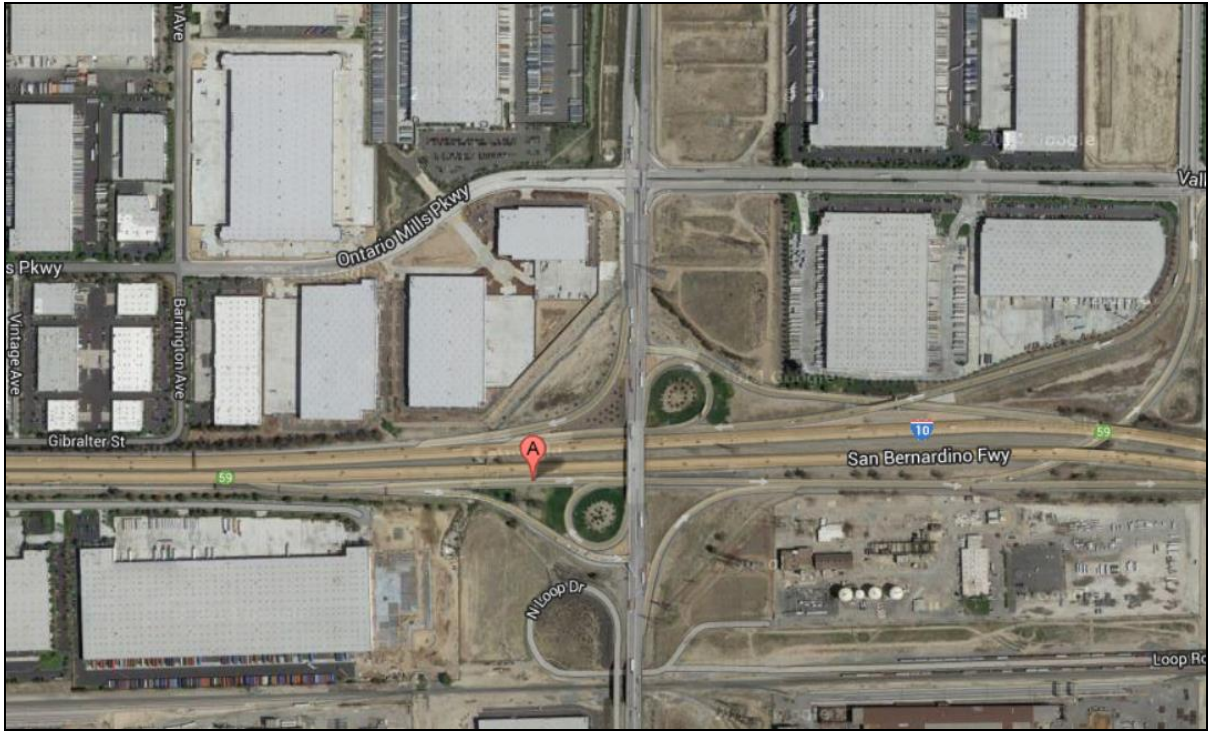


South Coast AQMD
Site Survey Report for Ontario Etiwanda Near Road

Last updated: May 11, 2023



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060710026	36035	06/14	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
NW Corner Interstate 10 & Etiwanda Ontario, CA	San Bernardino	South Coast	34.068120	-117.525796	300m



Detailed Site Information

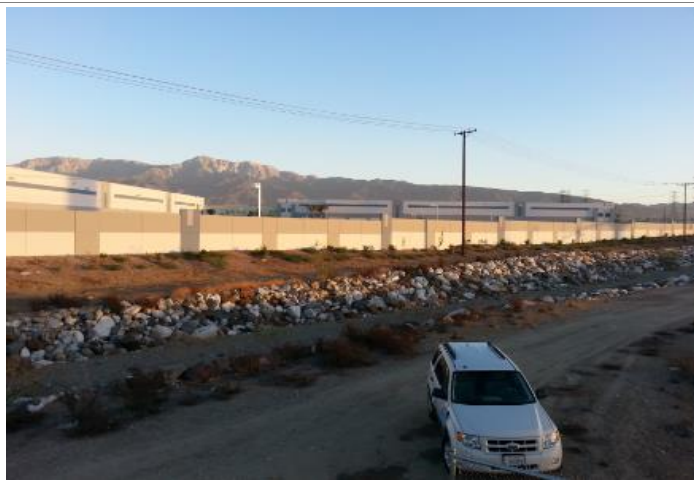
Local site name	Ontario Etiwanda Near Road			
AQS ID	060710026			
GPS coordinates (decimal degrees)	Latitude: 34.068120, Longitude: -117.525796			
Street Address	NW Corner Interstate 10 & Etiwanda, Ontario, CA			
County	San Bernardino			
Distance to roadways (meters)	27			
Traffic count (AADT, year)	646804 (FEAADT)			
Groundcover (e.g. asphalt, dirt, sand)	Gravel, sand			
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside-San Bernardino-Ontario, MSA			
Pollutant, POC	Nitrogen Dioxide, 5	Carbon Monoxide, 1		
Primary / QA Collocated / Other	N/A	N/A		
Parameter code	42602	42101		
Basic monitoring objective(s)	NAAQS	NAAQS		
Site type(s)	Source Oriented	Source Oriented		
Monitor (type)	SLAMS	SLAMS		
Network Affiliation	Near Road	Near Road		
Instrument manufacturer and model	Teledyne T200	Horiba APMA 370		
Method code	099	158		
FRM/FEM/ARM/ other	FRM	FRM		
Collecting Agency	South Coast AQMD	South Coast AQMD		
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A		
Reporting Agency	South Coast AQMD	South Coast AQMD		
Spatial scale (e.g. micro, neighborhood)	Microscale	Microscale		
Monitoring start date (MM/DD/YYYY)	07/2014	12/2014		
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1		
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A		
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31		
Probe height (meters)	4.6	4.6		
Distance from supporting structure (meters)	2.0	2.0		
Distance from obstructions on roof (meters)	N/A	N/A		

Distance from obstructions not on roof (meters)	N/A	N/A		
Distance from trees (meters)	N/A	N/A		
Distance to furnace or incinerator flue (meters)	N/A	N/A		
Distance between collocated monitors (meters)	N/A	N/A		
Unrestricted airflow (degrees)	360°	360°		
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon		
Residence time for reactive gases (seconds)	9.8	11.6		
Will there be changes within the next 18 months? (Y/N)	No	No		
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A		
Frequency of flow rate verification for manual PM samplers	N/A	N/A		
Frequency of flow rate verification for automated PM analyzers	N/A	N/A		
Frequency of one-point QC check for gaseous instruments	Nightly	Nightly		
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	09/15/2022	09/15/2022		
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A		

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)	Near Road/SLAMS	Near Road/SLAMS	Near Road/SLAMS	
Network affiliation	Near Road	Near Road	Near Road	
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, other)	N/A	N/A	N/A	
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g. micro, neighborhood)	Micro	Micro	Micro	
Monitoring start date (MM/DD/YYYY)	07/2014	07/2014	07/2014	
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	9.0	2.5	
Distance from supporting structure (meters)	10	9.0	.25	
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 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	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	

**Ontario Etiwanda Near Road
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**Ontario Etiwanda Near Road
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.