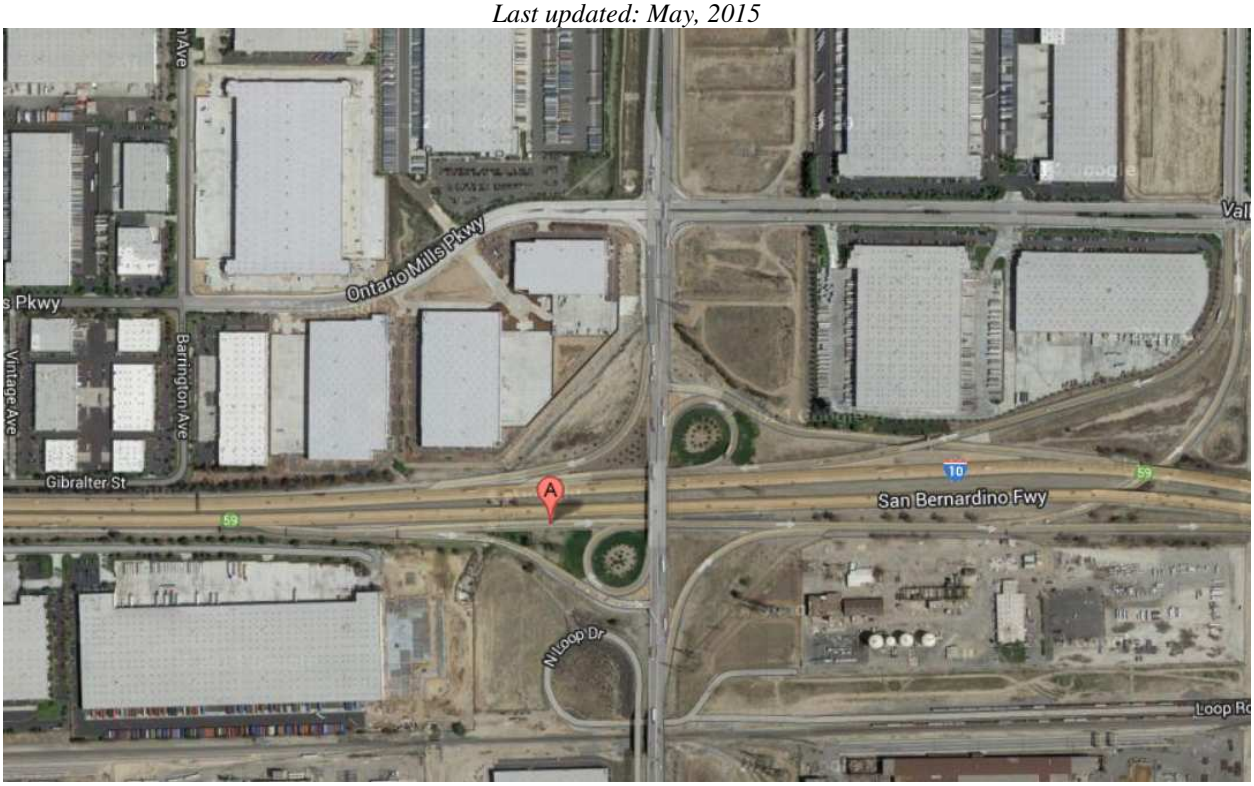
South Coast AQMD
Site Survey Report for Ontario Etiwanda-Near Road

Last updated: May, 2015



Site Address	County	Air Basin	Latitude	Longitude	Elevation
NW Corner Interstate 10 & Etiwanda Ontario, CA	San Bernardino	South Coast	34° 04’ 04”N	117° 31’ 33”W	300m

AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060710026	36035	07/14	South Coast AQMD (061)

Topo Map
20
21
Percola
1000
FREEWAY
Etiwanda
980
THERN
SLOVER
Kaiser
AVE

Detailed Site Information

Local site name	Ontario Etiwanda – Near Road
AQS ID	060710026
GPS coordinates (decimal degrees)	Latitude: 34° 04’ 04”N Longitude: 117° 31’ 33”W
Street Address	NW CORNER INTERSTATE 10 & ETIWANDA Ontario, CA
County	San Bernardino
Distance to roadways (meters)	49.0 meters
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

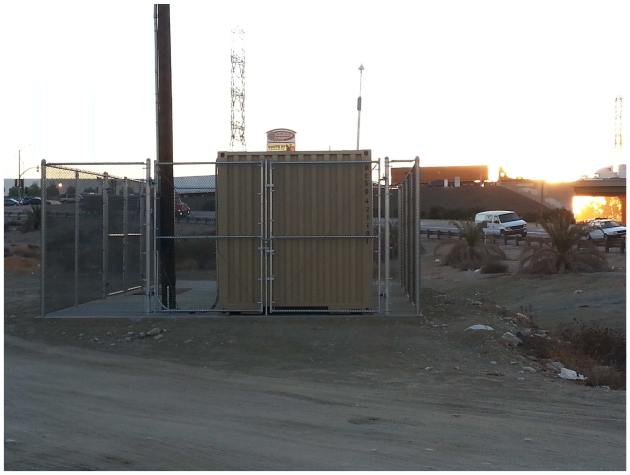
Pollutant, POC	Nitrogen Dioxide, 5	Carbon Monoxide, 1		
Parameter code	42603	42101		
Basic monitoring objective(s)	NAAQS	NAAQS		
Site type(s)	Population Exposure	Population Exposure		
Monitor (type)	SLAMS	SLAMS		
Instrument manufacturer and model	Thermo 42i	Thermo 48i-TLE		
Method code	074	554		
FRM/FEM/ARM/ other	FRM	FRM		
Collecting Agency	SCAQMD	SCAQMD		
Analytical Lab (i.e.weigh lab, toxics lab, other)	N/A	N/A		
Reporting Agency	SCAQMD	SCAQMD		
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)	4.2	4.5		
Distance from supporting structure (meters)	2.0	1.9		
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)	6.8	6.8		
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)	Not yet audited	Not yet audited		
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	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.**