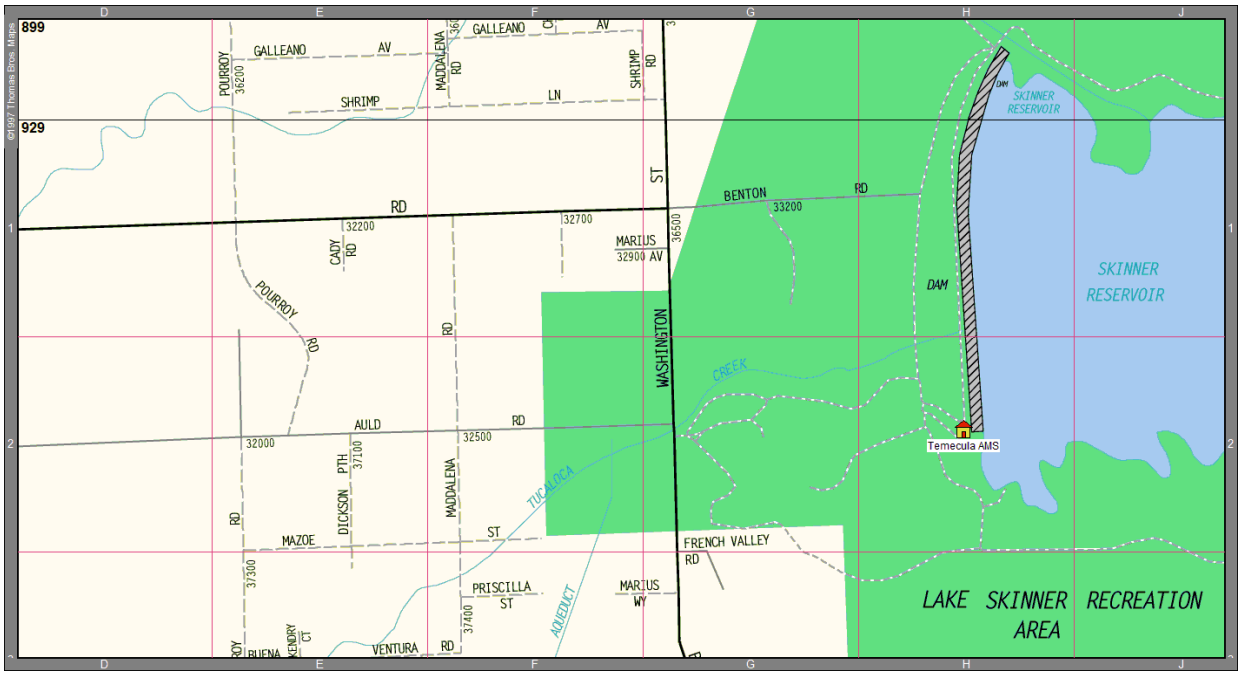
Quality Assurance
Site Survey Report for Temecula (Lake Skinner)

Last updated May, 2014



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060650016	33031	06/30/2010	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
33700 Borel Rd. Winchester, CA 92596	Riverside	South Coast	33° 34' 59"N	117° 04' 20"W	453 m

Washington St
Benton Rd
Auld Rd
33700 Borel Rd, Winchester, CA 92596
Borel Rd
Temecula AMS location
448 m
Marius Way
©2009 Google
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Imagery Date: Nov 16, 2009
33°34'55.69" N 117°04'43.45" W elev 426 m
Eye alt 1.98 km

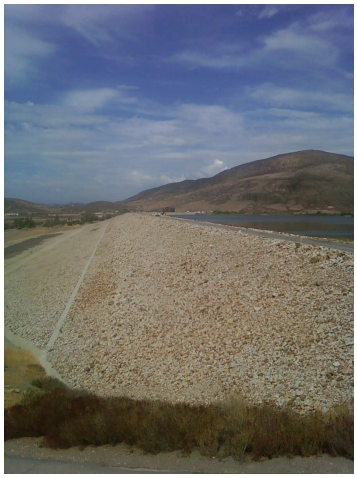
Detailed Site Information

Local site name	Temecula (Lake Skinner)
AQS ID	060650016
GPS coordinates (decimal degrees)	Latitude: 33° 34' 59" Longitude: 117° 04' 20"
Street Address	33700 Borel Rd. Winchester, CA 92596
County	Riverside
Distance to roadways (meters)	10
Traffic count (AADT, year)	20 / 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	Ozone , 1	Continuous PM2.5, 3		
Parameter code	44201	88502		
Basic monitoring objective(s)	NAAQS	NAAQS		
Site type(s)	Highest Concentration	Population Exposure		
Monitor (type)	SLAMS	SLAMS		
Instrument manufacturer and model	Teledyne API 400E	Met One BAM 1020		
Method code	087	731		
FRM/FEM/ARM/ other	FEM	Non-FEM		
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)	Neighborhood	Neighborhood		
Monitoring start date (MM/DD/YYYY)	09/30/2010	06/30/2010		
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	4		
Distance from supporting structure (meters)	1	1		
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)	N/A	N/A		
Residence time for reactive gases (seconds)	7.1	N/A		
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	Monthly		
Frequency of one-point QC check for gaseous instruments	Nightly	N/A		
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	11/07/2012	N/A		
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	06/06/2012, 12/06/2012		

Temecula – Lake Skinner
Site Photos



Looking North from probe

Looking East from the probe.

Looking South from the probe.

Looking West from the probe

Temecula – Lake Skinner
Site Photos (Cont.)

Looking at the probe to the North.

Looking from the probe to the East.

Looking at the probe to the South.

Looking at the probe to the West.