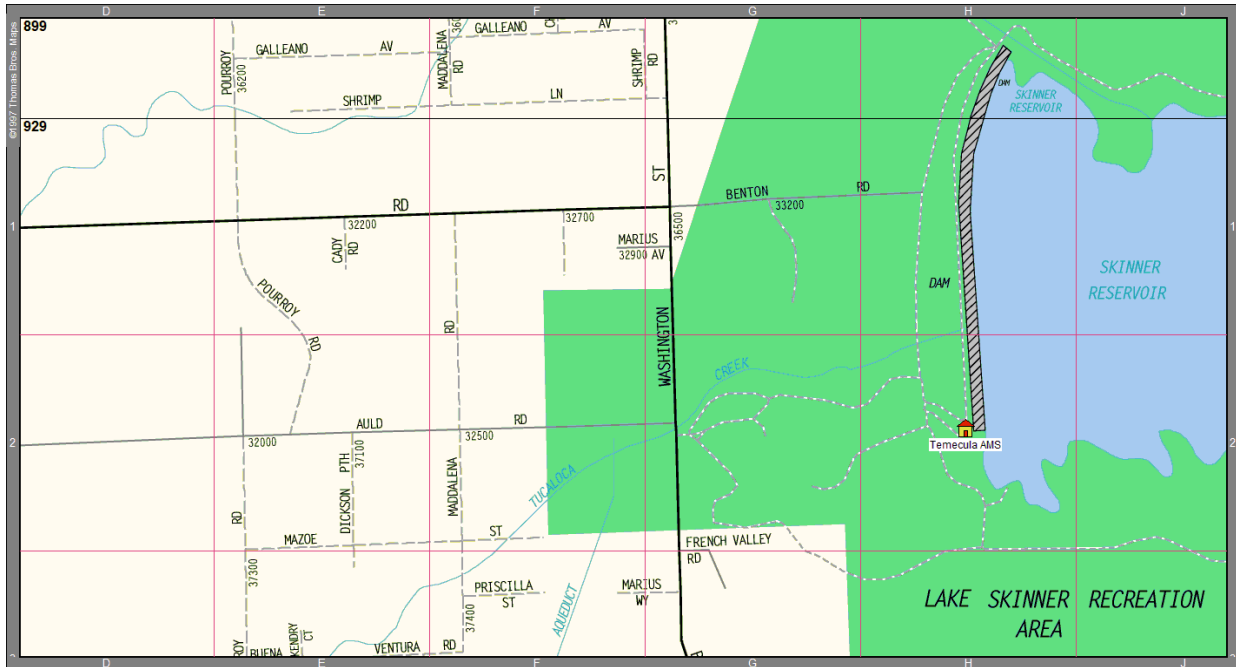


Quality Assurance Site Survey Report for Temecula (Lake Skinner)

Last updated May, 2011



| AIRS Number | ARB Number | Site Start Date | Reporting Agency and Agency Code |
|-------------|------------|-----------------|--|
| 060650016 | 33031 | 06/30/10 | 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 |



Site Survey Report

Siting Information

| | | | |
|---|--------------------------|------------------------------|------------------------|
| Site Name: Temecula (Lake Skinner) | Date: 5/27/11 | State Code: 33031 | AIRS Number: 060650016 |
| Address: 33700 Borel Rd. Winchester, CA 92596 | Latitude: 33° 34' 59" | Longitude: 117° 04' 20" | Elevation (m): 453 m |
| | Senior AQIS: Keith Brown | Site Technician: Twyla Miner | Site Phone: N/A |
| Operating Agency: South Coast AQMD | | | |

General Siting Conditions

| | | | |
|--|--|---|--|
| Station Temperature Controlled: Yes Recorded: Yes | Traffic Description: Commercial Distance: 10 m Count (Veh/Day): 20 | Topography Site: Level Region: Rolling hills | Predominant Wind Direction: SW |
| | | QA Manual Approved: Yes Agency: South Coast AQMD Urbanization: rural Ground Cover: Asphalt / Gravel | Arc Air Flow (Deg): 360 Probe Last Cleaned: 6/11 |
| | | | Manifold Clean: Yes Cleaning Schedule: 6 months Auto calibrator Type: Internal |
| Meteorology Located With Instruments: No | Non-vehicular Local Sources Description: none Distance: 5 Direction: | | Site Survey Complete: Yes Logbook Up To Date: Yes |

Action Items

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Comments

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Detailed Site Information

| | | | |
|---|--|--------------------------------|--|
| Site name | Temecula (Lake Skinner) | | |
| AQS ID (AIRS #) | 060650016 | | |
| GIS coordinates | Latitude: 33° 34' 59" Longitude: 117° 04' 20" | | |
| Location | MWD Lake Skinner Parking lot | | |
| Address | 33700 Borel Rd. Winchester, CA 92596 | | |
| County | Riverside | | |
| Distance to road | 10 m | | |
| Traffic count | 20 | | |
| Groundcover | Asphalt | | |
| Representative area | 40140-Riverside-San Bernardino-Ontario, CA MSA | | |
| Pollutant | Ozone | PM2.5 BAM | |
| Site type | SLAMS | SLAMS | |
| Monitor objective | Population Oriented | Population Oriented | |
| Spatial scale | Neighborhood | Neighborhood | |
| Instrument type | Primary | Primary | |
| Method code | N/A | 731 | |
| POC code | 1 | 3 | |
| Instrument manufacturer/model | API 400E | BAM Met One 1020 Non-FEM PM2.5 | |
| Serial # | 532-S | Y2866 | |
| Property # | N/A | 20005419 - ARB | |
| Last calibration date | 10/22/10 | 12/30/10 | |
| Analysis method | UV absorption | Beta Attenuation | |
| Start date | 09/30/10 | 06/30/10 | |
| Operation schedule | 1:1 | 1:1 | |
| Sampling season | All Year | All Year | |
| Probe height | 4 | 4 | |
| Distance from supporting structure | 1 | 1 | |
| Distance from obstructions on roof | N/A | N/A | |
| Distance from obstructions not on roof | N/A | N/A | |
| Distance from trees | N/A | N/A | |
| Distance to furnace or incinerator flue | N/A | N/A | |
| Distance between collocated monitors | N/A | N/A | |
| Unrestricted airflow | Yes | Yes | |
| Probe material | N/A | N/A | |
| Residence time | <10 | <10 | |
| Will there be changes within the next 18 months? | No | No | |
| Is it suitable for comparison against the annual PM2.5? | N/A | N/A | |

| | | | | |
|--|---------|-----------|--|--|
| Frequency of flow rate verification for manual PM samplers audit | N/A | N/A | | |
| Frequency of flow rate verification for automated PM analyzers audit | N/A | Monthly | | |
| Frequency of one-point QC check (gaseous) | Nightly | N/A | | |
| Date of last annual performance evaluation | 12/8/10 | N/A | | |
| Dates of semi-annual flow rate audits for PM monitors | N/A | Scheduled | | |
| | N/A | Scheduled | | |
| Date of past year's PM2.5-PEP audit | N/A | N/A | | |
| Date of past year's Pb-PEP audit | N/A | N/A | | |

**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.