

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar CA 91765-1482

MONITORING & ANALYSIS  
REPORT OF LABORATORY ANALYSIS

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|                            |   |                        |                      |
|----------------------------|---|------------------------|----------------------|
| <b>TO</b>                  | Jason Low<br>Atmospheric Measurements Manager<br>Science and Technology Advancement | <b>LABORATORY NO</b>   | <u>1612130</u>       |
| <b>SAMPLE DESCRIBED AS</b> | 24 hour sample<br>Canister 54703  | <b>DATE RECEIVED</b>   | <u>05/02/2016</u>    |
| <b>SAMPLING LOCATION</b>   | Reseda Station<br>18328 Gault St<br>Los Angeles, CA 91335                           | <b>FACILITY ID NO</b>  | <u>NA</u>            |
|                            |   | <b>REQUESTED BY</b>    | <u>Sumner Wilson</u> |
|                            |   | <b>ST NO / PROJECT</b> | <u>NA</u>            |

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**Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).**

|                       |              |
|-----------------------|--------------|
| Type                  | Canister     |
| Number                | <u>54703</u> |
| Pressure (Torr)       | 1365         |
| CO, ppm               | < 3          |
| CH <sub>4</sub> , ppm | 2            |
| CO <sub>2</sub> , ppm | 421          |
| Ethane, ppmvC         | < 1          |
| NM/NEOC, ppmvC        | < 1          |

Date Approved: 5/3/16

Approved By:   
Solomon Teffera, Acting Senior Manager  
Laboratory Services  
909-396-2199

965  
5/3/16

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**  
**21865 Copley Drive, Diamond Bar CA 91765-1482**

**MONITORING & ANALYSIS**  
**QUALITY CONTROL SUMMARY**

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|                                  |                      |                      |
|----------------------------------|----------------------|----------------------|
| <b>SAMPLE DESCRIBED AS</b>       | <b>LABORATORY NO</b> | <u>1612130</u>       |
| 24 hour sample<br>Canister 54703 | <b>REQUESTED BY</b>  | <u>Sumner Wilson</u> |

**Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).**

**QUALITY CONTROL -- End of run control recovery**

|                                       |     | Theoretical | Measured | Percent Difference | QC Limit<br>±5% or ± 1 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC106783                              | MDL |             |          |                    |                        |
| CO, ppmvC                             | 0.3 | 1.92        | 2.12     | 10.04              | PASS                   |
| CH <sub>4</sub> , ppmvC               | 0.3 | 2.02        | 2.01     | -0.87              | PASS                   |
| CO <sub>2</sub> , ppmvC               | 0.3 | 1.57        | 1.97     | 25.44              | PASS                   |
| C <sub>2</sub> H <sub>4</sub> , ppmvC | 0.4 | NA          | NA       | NA                 | NA                     |
| C <sub>2</sub> H <sub>6</sub> , ppmvC | 0.4 | 2.03        | 2.08     | 2.22               | PASS                   |
| NM/NEOC, ppmvC                        | 0.4 | 2.03        | 2.09     | 3.15               | PASS                   |

|                                       |     | Theoretical | Measured | Percent Difference | QC Limit<br>±5% or ± 1 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC12628                               | MDL |             |          |                    |                        |
| CO, ppmvC                             | 0.3 | 1036        | 1067     | 2.95               | PASS                   |
| CH <sub>4</sub> , ppmvC               | 0.3 | 1068        | 1058     | -0.90              | PASS                   |
| CO <sub>2</sub> , ppmvC               | 0.3 | 1022        | 1047     | 2.45               | PASS                   |
| C <sub>2</sub> H <sub>4</sub> , ppmvC | 0.4 | NA          | NA       | NA                 | NA                     |
| C <sub>2</sub> H <sub>6</sub> , ppmvC | 0.4 | 1044        | 1050     | 0.56               | PASS                   |
| NM/NEOC, ppmvC                        | 0.4 | 1024        | 1027     | 0.32               | PASS                   |

|                      |             |
|----------------------|-------------|
| <b>DATE ANALYZED</b> | 05/02/2016  |
| <b>REFERENCE NO:</b> | 16QM2AB     |
|                      | QM2-101-101 |

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
SAMPLE ANALYSIS REQUEST**

D  
 R  
 L  
LAB

WO #: 1612130



TO: SCAQMD LAB:  OTHER:

SOURCE NAME: Southern California Gas Co. I.D. No. \_\_\_\_\_

Source Address: 12801 Tampa Ave City: Porter Ranch

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: 91326

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_ Tel: \_\_\_\_\_

Analysis Requested by: Sumner Wilson Date: 5/2/16

Approved by: Jason Low Office: \_\_\_\_\_ Budget #: 44716

REASON REQUESTED: Court/Hearing Board  Permit Pending  Hazardous/Toxic Spill

Suspected Violation Rule(s) \_\_\_\_\_ Other

Sample Collected by: Qian Zhou Date: 5/2/16 Time: 11:15pm

REQUESTED ANALYSIS: PAMS analysis

| City/Location  | Can#  | Start day / time/ duration | Start vac | End Press |
|----------------|-------|----------------------------|-----------|-----------|
| Reseda Station | 54703 | 4/30/16 / 00:00 / 24 hours | <-30"     | +12       |
|                |       |                            |           |           |
|                |       |                            |           |           |
|                |       |                            |           |           |
|                |       |                            |           |           |

| Relinquished by | Received by | Firm/Agency | Date   | Time  |
|-----------------|-------------|-------------|--------|-------|
| <i>Zhouqian</i> | <i>MTM</i>  | SCAQMD Lab  | 5/2/16 | 10:48 |
|                 |             |             |        |       |
|                 |             |             |        |       |

Remarks: 1:3 scheduled samples from station at Reseda  
Reseda Station - 18328 Gault St, Los Angeles, CA 91335  
GPS (34.199225, -118.532743)