

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

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TO Jason Low
Atmospheric Measurements Manager
Science and Technology Advancement

LABORATORY NO 1618732

DATE RECEIVED 07/06/2016

SAMPLE DESCRIBED AS
24 hour sample
Canister 54715

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION
Reseda Station
18328 Gault St
Los Angeles, CA 91335

ST NO / PROJECT NA

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).

| Type | Canister |
|-----------------------|--------------|
| Number | <u>54715</u> |
| Pressure (Torr) | 760 |
| CO, ppm | < 3 |
| CH ₄ , ppm | 3 |
| CO ₂ , ppm | 414 |
| Ethane, ppmvC | < 1 |
| NM/NEOC, ppmvC | < 1 |

Date Approved: 7/12/16

Approved By: _____

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

NA
7/12/16

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

MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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| | | |
|----------------------------------|----------------------|----------------------|
| SAMPLE DESCRIBED AS | LABORATORY NO | <u>1618732</u> |
| 24 hour sample Canister 54715 | REQUESTED BY | <u>Sumner Wilson</u> |

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), 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 ±5% or ± 1 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC106783 | MDL | | | | |
| CO, ppmvC | 0.4 | 1.92 | 1.86 | -3.18 | PASS |
| CH ₄ , ppmvC | 0.3 | 2.02 | 1.92 | -4.94 | PASS |
| CO ₂ , ppmvC | 0.4 | 1.57 | 1.84 | 17.09 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.4 | 2.03 | 1.70 | -16.17 | PASS |
| NM/NEOC, ppmvC | 0.5 | 2.03 | 1.88 | -7.19 | PASS |

| | | Theoretical | Measured | Percent Difference | QC Limit ±5% or ± 1 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC12628 | MDL | | | | |
| CO, ppmvC | 0.4 | 1036 | 1046.97 | 1.06 | PASS |
| CH ₄ , ppmvC | 0.3 | 1068 | 1044.16 | -2.23 | PASS |
| CO ₂ , ppmvC | 0.4 | 1022 | 1036.67 | 1.44 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.4 | 1044 | 1031.55 | -1.19 | PASS |
| NM/NEOC, ppmvC | 0.5 | 1024 | 1009.17 | -1.41 | PASS |

| | |
|----------------------|------------------------|
| DATE ANALYZED | 07/07/2016 |
| REFERENCE NO: | 16QM2AD QM2-101-114 |

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

DISTRICT INFORMATION
 INVO
 LAP / LABOR

WO #: 1618732



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: _____ 7/6/16
 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: _____ 7/6/16 _____ Time: _____ 11:05^{pm} 22

REQUESTED ANALYSIS: PAMS analysis

| City/Location | Can# | Start day / time/ duration | Start vac | End Press |
|----------------|-------|----------------------------|-----------|-----------|
| Reseda Station | 54715 | 7/5/16 / 00:00 / 24 hours | <-30" | +8 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Relinquished by | Received by | Firm/Agency | Date | Time |
|-----------------|--------------------|-------------|--------|---------|
| <i>Zhouqia</i> | <i>[Signature]</i> | SCAQMD Lab | 7/6/16 | 12:34PM |
| | | | | |
| | | | | |

Remarks: 1:3 scheduled samples from station at Reseda.
 Reseda Station – 18328 Gault St, Los Angeles, CA 91335
 GPS (34.199225, -118.532743). Left sampler sn 4148