

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 | <u>1615731</u> |
| SAMPLE DESCRIBED AS | 24 hour sample Canister 54214 | DATE RECEIVED | <u>06/06/2016</u> |
| SAMPLING LOCATION | Highlands Community Center | FACILITY ID NO | <u>NA</u> |
| | | REQUESTED BY | <u>Sumner Wilson</u> |
| | | ST NO / PROJECT | <u>NA</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).

| | |
|-----------------------|--------------|
| Type | Canister |
| Number | <u>54214</u> |
| Pressure (Torr) | 1361 |
| CO, ppm | < 3 |
| CH ₄ , ppm | 2 |
| CO ₂ , ppm | 445 |
| Ethane, ppmvC | < 1 |
| NM/NEOC, ppmvC | < 1 |

Date Approved: 6/8/16

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

Handwritten notes:
AW
6-8-16

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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| | | |
|----------------------------------|----------------------|----------------------|
| SAMPLE DESCRIBED AS | LABORATORY NO | <u>1615731</u> |
| 24 hour sample Canister 54214 | 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 | 2.12 | 10.29 | PASS |
| CH ₄ , ppmvC | 0.3 | 2.02 | 2.00 | -1.42 | PASS |
| CO ₂ , ppmvC | 0.4 | 1.57 | 1.98 | 25.91 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.4 | 2.03 | 2.10 | 3.66 | PASS |
| NM/NEOC, ppmvC | 0.5 | 2.03 | 2.09 | 2.90 | PASS |

| | | Theoretical | Measured | Percent Difference | QC Limit ±5% or ± 1 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC12628 | MDL | | | | |
| CO, ppmvC | 0.4 | 1036 | 1083 | 4.57 | PASS |
| CH ₄ , ppmvC | 0.3 | 1068 | 1079 | 1.07 | PASS |
| CO ₂ , ppmvC | 0.4 | 1022 | 1063 | 4.03 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.4 | 1044 | 1065 | 2.01 | PASS |
| NM/NEOC, ppmvC | 0.5 | 1024 | 1046 | 2.21 | PASS |

DATE ANALYZED 06/06/2016
REFERENCE NO: 16QM2AC
 QM2-101-107

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

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LAB

WO #: 1615731



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: _____ BV-5/31/16 6/6/16
 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: _____ Bo Vongphachanh _____ Date: _____ 6/6/16 _____ Time: _____ 08:34am

REQUESTED ANALYSIS: PAMS analysis

| City/Location | Can# | Start day / time/ duration | Start vac | End vac |
|---------------------|-------|----------------------------|-----------|---------|
| Highlands Community | 54214 | 6-5-16 / 00:00 / 24 hours | -30" | +12 |
| | | | | |
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| Relinquished by | Received by | Firm/Agency | Date | Time |
|--------------------|------------------|-------------|--------|-------|
| <i>[Signature]</i> | <i>On L. Dai</i> | SCAQMD Lab | 6-6-16 | 10:15 |
| | | | | |
| | | | | |

Remarks 1:3 scheduled samples from trailer
 Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)
 Left sampler, sn 5624