

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

Page 1 of 2

TO Cher Snyder, Assistant DEO
Engineering & Compliance

LABORATORY NO 1609731

DATE RECEIVED 04/07/2016

SAMPLE DESCRIBED AS

24 hour sample
Canister # E0316

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION

Porter Ranch
Elementary School

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>E0316</u> |
| Pressure (Torr) | 740 |
| CO, ppm | < 3 |
| CH ₄ , ppm | 2 |
| CO ₂ , ppm | 425 |
| Ethane, ppmvC | < 1 |
| NM/NEOC, ppmvC | < 1 |

Date Approved: 4/8/16

Approved By: _____


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

Handwritten notes:
4/8/16

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>1609731</u> |
| 24 hour sample Canister # E0316 | 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 | 0.3 | 1.92 | 2.18 | 13.39 | PASS |
| CH ₄ , ppmvC | 0.3 | 2.02 | 2.33 | 15.29 | PASS |
| CO ₂ , ppmvC | 0.3 | 1.57 | 2.21 | 40.68 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.4 | 2.03 | 2.16 | 6.49 | PASS |
| NM/NEOC, ppmvC | 0.4 | 2.03 | 2.10 | 3.40 | PASS |

| | | Theoretical | Measured | Percent Difference | QC Limit ±5% or ± 1 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC12628 | MDL | | | | |
| CO, ppmvC | 0.3 | 1036 | 1058 | 2.08 | PASS |
| CH ₄ , ppmvC | 0.3 | 1068 | 1048 | -1.83 | PASS |
| CO ₂ , ppmvC | 0.3 | 1022 | 1041 | 1.88 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.4 | 1044 | 1045 | 0.10 | PASS |
| NM/NEOC, ppmvC | 0.4 | 1024 | 1020 | -0.33 | PASS |

| | |
|----------------------|-----------------------|
| DATE ANALYZED | 04/08/2016 |
| REFERENCE NO: | 16QM2AB QM2-101-94 |

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

DISTR
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 LAP A
LABORA

WO #: 1609731



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: 4/7/16
 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: 4/7/16 Time: 10:15am

REQUESTED ANALYSIS: PAMS analysis

| City/Location | Can# | Start day / time/ duration | Start vac | End Press |
|---|-------|----------------------------|-----------|-----------|
| Porter Ranch Community Elementary School (PRCS) | E0316 | 4/6/16 / 00:00 / 24 hours | <-30" | +10 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Relinquished by | Received by | Firm/Agency | Date | Time |
|-----------------|--------------------|-------------|--------|-------|
| Zhouqian | <i>[Signature]</i> | SCAQMD Lab | 4/7/16 | 14:43 |
| | | | | |
| | | | | |

Remarks: 1:3 scheduled samples from trailer at PRCS
 Porter Ranch Community School Elementary – 12450 Mason Ave, Porter Ranch, CA 91326
 GPS (34.293369, -118.580505)