

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 Cher Snyder, Assistant DEO
Engineering & Compliance

LABORATORY NO 1607612

DATE RECEIVED 03/17/2016

SAMPLE DESCRIBED AS
One Summa Canister, 24 h sample

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION
Porter Ranch Community Elementary School ST NO / PROJECT NA
12450 Mason Ave
Porter Ranch, CA 91326

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>E4224</u> |
| Pressure (Torr) | 574 |
| CO, ppm | < 3 |
| CH ₄ , ppm | 2 |
| CO ₂ , ppm | 392 |
| Ethane, ppmvC | < 1 |
| NM/NEOC, ppmvC | < 1 |

Date Approved: 3/18/16

Approved By: 

Rudy Eden, Senior Manager
Laboratory Services
909-396-2391

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>1607612</u> |
| One Summa Canister, 24 h sample | 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 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC91340 | MDL | | | | |
| CO, ppmvC | 0.3 | 10.40 | 9.85 | -5.27 | PASS |
| CH ₄ , ppmvC | 0.3 | 10.17 | 10.65 | 4.70 | PASS |
| CO ₂ , ppmvC | 0.4 | 10.38 | 10.46 | 0.81 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.2 | 11.00 | 10.16 | -7.67 | PASS |
| NM/NEOC, ppmvC | 0.2 | 10.64 | 10.23 | -3.87 | PASS |

| | | Theoretical | Measured | Percent Difference | QC Limit ±5% or ± 1 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC135067 | MDL | | | | |
| CO, ppmvC | 0.3 | 10100 | 9654 | -4.42 | PASS |
| CH ₄ , ppmvC | 0.3 | 9950 | 10007 | 0.57 | PASS |
| CO ₂ , ppmvC | 0.4 | 10100 | 9644 | -4.51 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.2 | 9940 | 9825 | -1.15 | PASS |
| NM/NEOC, ppmvC | 0.2 | 10000 | 9736 | -2.64 | PASS |

| | |
|----------------------|-----------------------|
| DATE ANALYZED | 03/17/2016 |
| REFERENCE NO: | 16QM2AA QM2-101-89 |

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

DISTRICT
 INVOICE
 LAP A
LABOR



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: 3/17/16
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: 3/17/16 Time: 9:30am

REQUESTED ANALYSIS: PAMS analysis

| City/Location | Can# | Start day / time/ duration | Start vac | End Press |
|--|-------|----------------------------|-----------|-----------|
| Porter Ranch Community Elementary School (PRCS)* | E4224 | 3/16/16 / 00:00 / 24 hours | <-30" | -7" |
| *Valve has been turned off by accident, may not have enough sample | | | | |
| | | | | |
| | | | | |
| | | | | |

| Relinquished by | Received by | Firm/Agency | Date | Time |
|-----------------|--------------------|-------------|---------|----------|
| Zhou Qian | <i>[Signature]</i> | SCAQMD Lab | 3/17/16 | 12:20 PM |
| | | | | |
| | | | | |

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

Pi: 573.7 , Pt: 849.9 NR 3/17/2016