

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 1608211

DATE RECEIVED 03/23/2016

SAMPLE DESCRIBED AS

24 hour sample
Canister # E5128

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION

Porter Ranch
Castlebay Elementary
School

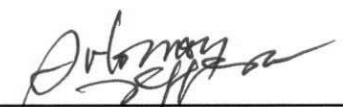
ST NO / PROJECT NA

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>E5128</u> |
| Pressure (Torr) | 740 |
| CO, ppm | < 3 |
| CH ₄ , ppm | 2 |
| CO ₂ , ppm | 398 |
| Ethane, ppmvC | < 1 |
| NM/NEOC, ppmvC | < 1 |

Date Approved: 4/6/16

Approved By: _____


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

Handwritten: 7/21/3/23/16

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

MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

Page 2 of 2

| | | |
|------------------------------------|----------------------|---------------|
| SAMPLE DESCRIBED AS | LABORATORY NO | 1608211 |
| 24 hour sample Canister # E5128 | REQUESTED BY | Sumner Wilson |

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

| | MDL | Theoretical | Measured | Percent Difference | QC Limit ±5% or ± 1 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC91340 | MDL | 10.40 | 9.96 | -4.22 | PASS |
| CO, ppmvC | 0.3 | 10.17 | 10.42 | 2.48 | PASS |
| CH ₄ , ppmvC | 0.3 | 10.38 | 10.09 | -2.81 | PASS |
| CO ₂ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₄ , ppmvC | 0.2 | 11.00 | 10.28 | -6.58 | PASS |
| C ₂ H ₆ , ppmvC | 0.2 | 10.64 | 10.11 | -4.99 | PASS |
| NM/NEOC, ppmvC | 0.2 | | | | |

| | MDL | Theoretical | Measured | Percent Difference | QC Limit ±5% or ± 1 |
|---------------------------------------|-----|-------------|----------|--------------------|------------------------|
| CC135067 | MDL | 10100 | 9632 | -4.63 | PASS |
| CO, ppmvC | 0.3 | 9950 | 9992 | 0.42 | PASS |
| CH ₄ , ppmvC | 0.3 | 10100 | 9626 | -4.70 | PASS |
| CO ₂ , ppmvC | 0.4 | NA | NA | NA | NA |
| C ₂ H ₄ , ppmvC | 0.2 | 9940 | 9805 | -1.36 | PASS |
| C ₂ H ₆ , ppmvC | 0.2 | 10000 | 9705 | -2.95 | PASS |
| NM/NEOC, ppmvC | 0.2 | | | | |

| | |
|----------------------|-----------------------|
| DATE ANALYZED | 03/23/2016 |
| REFERENCE NO: | 16QM2AA QM2-101-92 |

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

DIST
 INV
 LAP
LABOF

WO #: 1608211



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: _____ 3/23/16
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: _____ 3/23/16 _____ Time: _____ 08:50am _____

REQUESTED ANALYSIS: PAMS analysis

| City/Location | Can# | Start day / time/ duration | Start vac | End Press |
|-------------------------------|-------|----------------------------|-----------|-----------|
| Porter Ranch / Castlebay Elem | E5128 | 3/22/16 / 00:00 / 24 hours | -30" | +12 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Relinquished by | Received by | Firm/Agency | Date | Time |
|------------------|--------------------|-------------|----------------|--------------|
| <i>zhongqian</i> | <i>[Signature]</i> | SCAQMD Lab | <i>3/23/16</i> | <i>11:04</i> |
| | | | | |
| | | | | |

Remarks: 1:3 scheduled samples from trailer at Castlebay
Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA
Asphalt Work by City, possible contamination.