

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, Ph.D., ADEO
Monitoring & Analysis

LABORATORY NO 1634928

DATE RECEIVED 12/27/2016

SAMPLE DESCRIBED AS
24 hour sample
Canister 54699

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION
Porter Ranch Community Elementary School
12450 Mason Ave
Porter Ranch, CA 91326

ST NO / PROJECT NA

REPORT GENERATED 1/20/2017

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>54699</u> |
| Pressure (Torr) | 1125 |
| CO, ppm | < 3 |
| CH ₄ , ppm | 3 |
| CO ₂ , ppm | 429 |
| Ethane, ppmvC | < 1 |
| NM/NEOC, ppmvC | < 1 |

Date Approved: 01/24/17

Reviewed By: 

Joan Niertit, Principal A.Q. Chemist
Laboratory Services

Date Approved: 01/26/17

Approved By: 

Aaron Katzenstein, Ph.D., Sr. Manager
Laboratory Services
909-396-2219

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>1634928</u> |
| 24 hour sample Canister 54699 | REQUESTED BY | <u>Sumner Wilson</u> |
| | DATE ANALYZED | <u>12/28/2016</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 | 2.18 | 13.49 | PASS |
| CH ₄ , ppmvC | 0.3 | | 2.02 | 2.01 | -0.51 | PASS |
| CO ₂ , ppmvC | 0.4 | | 1.57 | 1.92 | 22.13 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.4 | | 2.03 | 2.01 | -1.10 | PASS |
| NM/NEOC, ppmvC | 0.5 | | 2.03 | 2.10 | 3.40 | PASS |

| | | | Theoretical | Measured | Percent Difference | QC Limit ±5% or ± 1 |
|---------------------------------------|-----|--|-------------|----------|--------------------|------------------------|
| CC12628 | MDL | | | | | |
| CO, ppmvC | 0.4 | | 1036 | 1050 | 1.33 | PASS |
| CH ₄ , ppmvC | 0.3 | | 1068 | 1048 | -1.87 | PASS |
| CO ₂ , ppmvC | 0.4 | | 1022 | 1036 | 1.34 | PASS |
| C ₂ H ₄ , ppmvC | 0.4 | | NA | NA | NA | NA |
| C ₂ H ₆ , ppmvC | 0.4 | | 1044 | 1034 | -0.95 | PASS |
| NM/NEOC, ppmvC | 0.5 | | 1024 | 1007 | -1.63 | PASS |

REFERENCE NO: 16QM2AD
 QM2-101-132

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

DISTRICT
 INVOICE
 LAP AUE
 LABORATORY

WO #: 1634928



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: 12/27/16

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: 12/23/16 Time: 10:40am

REQUESTED ANALYSIS: PAMS analysis

| City/Location | Can# | Start day / time/ duration | Start vac | End Press |
|---|-------|-----------------------------|-----------|-----------|
| Porter Ranch Community Elementary School (PRCS) | 54699 | 12/14/16 / 00:00 / 24 hours | <-30" | 10" |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Relinquished by | Received by | Firm/Agency | Date | Time |
|-----------------|-------------|-------------|----------|-------|
| | | SCAQMD Lab | 12/27/16 | 13:30 |
| | | | | |
| | | | | |

Remarks: 1:6 scheduled samples from trailer at PRCS

Porter Ranch Community School Elementary – 12450 Mason Ave, Porter Ranch, CA 91326

GPS (34.293369, -118.580505)

Left Sampler, sn 4671