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 Jason Low, Ph.D., ADEO Monitoring & Analysis

LABORATORY NO. 1701919

DATE RECEIVED 1/25/2017

FACILITY ID NO. NA

REQUESTED BY Sumner Wilson

PROJECT/ST NO. NA

REPORT GENERATED 1/26/2017

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).

<table>
<thead>
<tr>
<th>Type</th>
<th>Canister Number</th>
<th>Pressure (Torr)</th>
<th>CO, ppm</th>
<th>CH₄, ppm</th>
<th>CO₂, ppm</th>
<th>Ethane, ppmvC</th>
<th>NM/NEOC, ppmvC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>54614</td>
<td>1362</td>
<td>&lt; 3</td>
<td>2</td>
<td>426</td>
<td>&lt; 1</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

Date Reviewed: 2-7-17  
Reviewed By: [Signature]
Joan Niertit, Principle A.Q. Chemist  
Laboratory Services

Date Approved: 2-7-17  
Approved By: [Signature]
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
Page 2 of 2

SAMPLE DESCRIBED AS
24 hour sample
Canister 54614

LABORATORY NO. 1701919
REQUESTED BY Sumner Wilson
DATE ANALYZED 1/26/2017

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).

QUALITY CONTROL -- End of run control recovery

<table>
<thead>
<tr>
<th>Sample ID</th>
<th>MDL</th>
<th>Theoretical</th>
<th>Measured</th>
<th>Percent Difference</th>
<th>QC Limit ±5% or ± 1</th>
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</thead>
<tbody>
<tr>
<td>CC106783</td>
<td></td>
<td>1.92</td>
<td>2.10</td>
<td>9.24</td>
<td>PASS</td>
</tr>
<tr>
<td>CO, ppmvC</td>
<td>0.5</td>
<td>2.02</td>
<td>2.13</td>
<td>5.37</td>
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<tr>
<td>CH₄, ppmvC</td>
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<td>1.57</td>
<td>2.07</td>
<td>31.89</td>
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<td>CO₂, ppmvC</td>
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<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>C₂H₄, ppmvC</td>
<td>0.5</td>
<td>2.03</td>
<td>2.09</td>
<td>2.72</td>
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</tr>
<tr>
<td>C₂H₆, ppmvC</td>
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<td>2.28</td>
<td>12.51</td>
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<tr>
<td>NM/NEOC, ppmvC</td>
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<td>1036</td>
<td>1072</td>
<td>3.49</td>
<td>PASS</td>
</tr>
<tr>
<td>CC12628</td>
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<td>1068</td>
<td>1067</td>
<td>-0.11</td>
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<tr>
<td>CO, ppmvC</td>
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<td>1055</td>
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<td>CH₄, ppmvC</td>
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<tr>
<td>CO₂, ppmvC</td>
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<tr>
<td>C₂H₄, ppmvC</td>
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<td>1044</td>
<td>2.00</td>
<td>PASS</td>
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<tr>
<td>C₂H₆, ppmvC</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>NM/NEOC, ppmvC</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

REFERENCE NO: 17QM2AA
QM2-101-136
# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

**SAMPLE ANALYSIS REQUEST**

**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:**

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**Analysis Requested by:** Sumner Wilson  **Date:** 01/25/17 

**Approved by:** Jason Low  **Office:**  **Budget #:** 44716 

**REASON REQUESTED:** Court/Hearing Board ☐  Permit Pending ☐  Hazardous/Toxic Spill ☐ 

**Suspected Violation Rule(s):** 

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**Sample Collected by:** Bo Vongphachanh  **Date:** 01/24/17  **Time:** 14:45 

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**REQUESTED ANALYSIS:** PAMS analysis 

<table>
<thead>
<tr>
<th>City/Location</th>
<th>Can#</th>
<th>Start day / time / duration</th>
<th>Start vac</th>
<th>End Press</th>
</tr>
</thead>
<tbody>
<tr>
<td>Porter Ranch Community Elementary School (PRCS)</td>
<td>54614</td>
<td>01/19/17 / 00:00 / 24 hours</td>
<td>-30”</td>
<td>13”</td>
</tr>
</tbody>
</table>

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**Relinquished by**  

**Received by**  

**Firm/Agency**  

SCAQMD Lab  **Date:** 1/25/2017  **Time:** 10:45 

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**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) 

Right Sampler, sn 4671