TO          Cher Snyder, Assistant DEO  
           Engineering & Compliance  
LABORATORY NO     1603433  
DATE RECEIVED     02/03/2016  
FACILITY ID NO    NA  
REQUESTED BY     Sumner Wilson  
ST NO / PROJECT   NA  

SAMPLE DESCRIBED AS  
One Summa Canister, 24 h sample

SAMPLING LOCATION  
Porter Ranch/Castlebay Elementary  
19010 Castlebay Ln  
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).

<table>
<thead>
<tr>
<th>Type</th>
<th>Canister</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>54601</td>
</tr>
<tr>
<td>Pressure (Torr)</td>
<td>740</td>
</tr>
<tr>
<td>CO, ppm</td>
<td>&lt; 3</td>
</tr>
<tr>
<td>CH₄, ppm</td>
<td>2</td>
</tr>
<tr>
<td>CO₂, ppm</td>
<td>399</td>
</tr>
<tr>
<td>Ethane, ppmvC</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>NM/NEOC, ppmvC</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

Date Approved: 3/8/16  
Approved By: 
Rudy Eden, Senior Manager  
Laboratory Services  
909-396-2391
SAMPLE DESCRIBED AS
One Summa Canister, 24 h sample

LABORATORY NO
1603433

REQUESTED BY
Sumner Wilson

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), and non-methane non-ethane organic carbon (NM/NEOC) in ppnmvC by SCAQMD Method 25.1 (TCA FID).

QUALITY CONTROL -- End of run control recovery

<table>
<thead>
<tr>
<th></th>
<th>MDL</th>
<th>Theoretical</th>
<th>Measured</th>
<th>Percent Difference</th>
<th>QC Limit ±5% or ±1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC91340</td>
<td>0.3</td>
<td>10.40</td>
<td>10.00</td>
<td>-3.85</td>
<td>PASS</td>
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<tr>
<td>CO, ppmvC</td>
<td></td>
<td>10.17</td>
<td>10.48</td>
<td>3.05</td>
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<tr>
<td>CH₄, ppmvC</td>
<td></td>
<td>10.38</td>
<td>10.23</td>
<td>-1.42</td>
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<tr>
<td>CO₂, ppmvC</td>
<td>0.4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>C₂H₆, ppmvC</td>
<td>0.4</td>
<td>11.00</td>
<td>10.25</td>
<td>-6.80</td>
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<tr>
<td>NM/NEOC, ppmvC</td>
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<td>10.64</td>
<td>10.22</td>
<td>-3.96</td>
<td>PASS</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>MDL</th>
<th>Theoretical</th>
<th>Measured</th>
<th>Percent Difference</th>
<th>QC Limit ±5% or ±1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC135067</td>
<td>0.3</td>
<td>10100</td>
<td>9632.89</td>
<td>-4.62</td>
<td>PASS</td>
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<tr>
<td>CO, ppmvC</td>
<td></td>
<td>9950</td>
<td>9998.83</td>
<td>0.49</td>
<td>PASS</td>
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<tr>
<td>CH₄, ppmvC</td>
<td></td>
<td>10100</td>
<td>9643.04</td>
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<td>PASS</td>
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<tr>
<td>CO₂, ppmvC</td>
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<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>C₂H₆, ppmvC</td>
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<td>10000</td>
<td>9730.45</td>
<td>-2.70</td>
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</tr>
</tbody>
</table>

DATE ANALYZED    02/25/2016
REFERENCE NO:    16QM2AA
                QM2-101-79
## SCAQMD Lab Analysis Request Form

**TO:** SCAQMD LAB: ☒ OTHER: ☐

**SOURCE NAME:** Southern California Gas Co.  
**I.D. No.:**

**Source Address:** 12801 Tampa Ave  
**City:** Porter Ranch  
**Zip:** 91326

**Mailing Address:**  
**City:**  
**Zip:**  
**Contact Person:**  
**Title:**  
**Tel:**

---

### Analysis Requested by:

**Sumner Wilson**  
**Date:** 1/29/16

**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:** Robert Wimmer  
**Date:** 2/3/16  
**Time:** 11:00

**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 / Castlebay Elem</td>
<td>54601</td>
<td>1/31/16 / 00:00 / 24 hours</td>
<td>-30”</td>
<td>13</td>
</tr>
</tbody>
</table>

---

**Relinquished by**  
**Received by**  
**Firm/Agency** SCAQMD Lab  
**Date:** 2/3/16  
**Time:** 16:35

---

**Remarks:** 1:3 scheduled samples from trailer at Castlebay  
**Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA**