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 1606727

DATE RECEIVED 03/08/2016

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

ST NO / PROJECT NA

SAMPLE DESCRIBED AS
24 hour sample
Canister # 54549

SAMPLING LOCATION
Porter Ranch/Castlebay School
Porter Ranch, CA 91326

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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>
<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>Type</td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Number</td>
<td>54549</td>
<td>740</td>
<td>&lt; 3</td>
<td>2</td>
<td>396</td>
<td>&lt; 1</td>
<td>&lt; 1</td>
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</tbody>
</table>

Date Approved: 3/10/16

Approved By: Rudy Eden, Senior Manager Laboratory Services
909-396-2391
SAMPLE DESCRIBED AS
24 hour sample
canister # 54549

LABORATORY NO 1606727
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

<table>
<thead>
<tr>
<th>Sample</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>
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<tr>
<td>CC91340</td>
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<tr>
<td>CO, ppmvC</td>
<td>0.3</td>
<td>10.40</td>
<td>9.78</td>
<td>-6.00</td>
<td>PASS</td>
</tr>
<tr>
<td>CH₄, ppmvC</td>
<td>0.3</td>
<td>10.17</td>
<td>10.40</td>
<td>2.29</td>
<td>PASS</td>
</tr>
<tr>
<td>CO₂, ppmvC</td>
<td>0.4</td>
<td>10.38</td>
<td>10.46</td>
<td>0.75</td>
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<tr>
<td>C₂H₄, 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>11.00</td>
<td>10.36</td>
<td>-5.83</td>
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<tr>
<td>NM/NEOC, ppmvC</td>
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<td>10.64</td>
<td>10.16</td>
<td>-4.50</td>
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<td>CC135067</td>
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<tr>
<td>CO, ppmvC</td>
<td>0.3</td>
<td>10100</td>
<td>9637</td>
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<tr>
<td>CH₄, ppmvC</td>
<td>0.3</td>
<td>9950</td>
<td>9988</td>
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<tr>
<td>CO₂, ppmvC</td>
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<td>10100</td>
<td>9629</td>
<td>-4.66</td>
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<tr>
<td>C₂H₄, 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>9817</td>
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<td>9726</td>
<td>-2.74</td>
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DATE ANALYZED 03/08/2016
REFERENCE NO: 16QM2AA
QM2-101-85
**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  
**Tel:**

**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  
**Tel:**

**Analysis Requested by:** Sumner Wilson  **Date:** 3/8/16

**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:** 3/8/16  **Time:** 9:25am

**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>
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<tbody>
<tr>
<td>Porter Ranch / Castlebay</td>
<td>54549</td>
<td>3/7/16 / 00:00 / 24 hours</td>
<td>-30&quot;</td>
<td>+10.5</td>
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<tr>
<td>Elem-A</td>
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<tr>
<td>Porter Ranch / Castlebay</td>
<td>54676</td>
<td>3/7/16 / 00:00 / 24 hours</td>
<td>-30&quot;</td>
<td>&gt;+15</td>
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<tr>
<td>Elem-B</td>
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</tbody>
</table>

**Relinquished by**  
**Received by**  
**Firm/Agency** SCAQMD Lab  **Date:** 3/8/16  **Time:** 11:49

**Remarks:** 1:3 scheduled samples from trailer at Castlebay  

Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA  
A: AQMD 0013772; B: AQMD 0016503