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 1607513

DATE RECEIVED 03/16/2016

SAMPLE DESCRIBED AS One Summa Canister, 24 h sample

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION
Porter Ranch Community Elementary School ST NO / PROJECT NA

12450 Mason Ave
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 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>53424</td>
<td>740</td>
<td>&lt; 3</td>
<td>2</td>
<td>395</td>
<td>&lt; 1</td>
<td>&lt; 1</td>
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</tbody>
</table>

Date Approved: 3/16/16

Approved By: [Signature]
Rudy Eden, Senior Manager
Laboratory Services
909-396-2391
**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**  
One Summa Canister, 24 h sample  
**LABORATORY NO**  
1607513  
**REQUESTED BY**  
Sumner Wilson

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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).

**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>CO, ppmvC</td>
<td>0.3</td>
<td>10.40</td>
<td>9.90</td>
<td>-4.82</td>
<td>PASS</td>
</tr>
<tr>
<td>CH₄, ppmvC</td>
<td>0.3</td>
<td>10.17</td>
<td>10.44</td>
<td>2.63</td>
<td>PASS</td>
</tr>
<tr>
<td>CO₂, ppmvC</td>
<td>0.4</td>
<td>10.38</td>
<td>10.39</td>
<td>0.05</td>
<td>PASS</td>
</tr>
<tr>
<td>C₂H₄, ppmvC</td>
<td>0.4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>C₂H₆, ppmvC</td>
<td>0.2</td>
<td>11.00</td>
<td>10.17</td>
<td>-7.55</td>
<td>PASS</td>
</tr>
<tr>
<td>NM/NEOC, ppmvC</td>
<td>0.2</td>
<td>10.64</td>
<td>10.09</td>
<td>-5.20</td>
<td>PASS</td>
</tr>
</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>CO, ppmvC</td>
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<td>10100</td>
<td>9648</td>
<td>-4.48</td>
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</tr>
<tr>
<td>CH₄, ppmvC</td>
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<td>9950</td>
<td>10015</td>
<td>0.65</td>
<td>PASS</td>
</tr>
<tr>
<td>CO₂, ppmvC</td>
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<td>10100</td>
<td>9624</td>
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<tr>
<td>C₂H₄, ppmvC</td>
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<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>C₂H₆, ppmvC</td>
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<td>9799</td>
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<tr>
<td>NM/NEOC, ppmvC</td>
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<td>10000</td>
<td>9723</td>
<td>-2.77</td>
<td>PASS</td>
</tr>
</tbody>
</table>

**DATE ANALYZED**  
03/16/2016

**REFERENCE NO:**  
16QM2AA  
QM2-101-89
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: 3/16/16

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: 3/16/16 Time: 9:10am

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>53424</td>
<td>3/15/16 / 00:00 / 24 hours</td>
<td>&lt;30&quot;</td>
<td>+12.5</td>
</tr>
</tbody>
</table>

Relinquished by  Received by  Firm/Agency  Date  Time

Remarks: Daily scheduled samples from trailer at PRCS
Porter Ranch Community School Elementary – 12450 Mason Ave, Porter Ranch, CA 91326
GPS (34.293369, -118.580505)